

GRAIN DEALERS JOURNAL

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Messengers

sent on journeys in early biblical days were laden with valuable presents to increase the chances of a favorable reception for the Message. The quick and sure-footed were selected as Messengers because they attained more direct and prompter results. It is even so today.

A Message of any character to reach the desired person and secure consideration must be forwarded under the most favorable circumstances; otherwise it falls short of the object aimed at. If Messages about your business are sent by Messengers whom recipient's want so much to come, they pay in advance to have them sent, then you are sure to have your Messages promptly delivered to the right persons. On the other hand, the service of Messengers who are not expected, wanted or received with favorable consideration, is of no value because deliveries of your Messages are not made.

Messages are received daily by us asking where this or that machine can be obtained; as to the responsibility of this receiver, or the addresses of others willing to serve in stated capacities. These Messages of inquiry prove to us that many members of the grain trade are longing for messages yet to come. Can you afford longer to delay sending your Message? Surely it will profit you to tell grain dealers where they can find you and what you can do for them.

Messengers are sent from our office, twice each month, to progressive grain dealers of this country, because the Messengers bring them so much information and enjoyment they insist on having them sent. Our Messengers are not heavily laden and can readily carry each trip a fresh message from you direct to the grain dealers of the country, to the mutual advantage and profit both of yourself and the dealers served. The expense depends upon the number of times you wish to use our corps of Messengers and upon the amount of space your message occupies in their grip sacks. We are certain that a fair trial of the service will convince you of the efficiency of our Messengers in making prompt deliveries to the right persons. Should you desire to see one of our Messengers, say the word and he will immediately come to your desk with full particulars.

The sooner we receive the Message from you, the sooner can our corps of Message Bearers commence to carry your Messages to the grain dealers.

Yours, the Messenger,

Grain Dealers Journal
Chicago, Illinois

Buffalo

The Active Market

ALL Western Roads converge here, either directly, or through their connections.

ALL Eastern Roads are available, through Eastern trunk lines and connections.

ITS weighing and inspection departments are unexcelled for promptness and efficiency.

ITS elevator facilities are vastly superior to those of any market East of Chicago.

SHIP to any of the firms whose names appear below. All are reliable.



Watkins Grain Co.,
Consignments

McConnell Grain Corporation,
Commission Merchants

Lewis Grain Corporation,
Ship Buffalo—Consign to Lewis

Whitney & Gibson,
Consignments. Our Specialty,
Wheat

Taylor & Bournique Co.,
Grain Commission

Globe Grain Co., Inc.,
Receivers and Shippers

Sunset Feed & Grain Co., Inc.,
Receivers and Shippers

Electric Grain Elevator Co., The
Consignments

Harold, A. W.,
Grain—Barley a Specialty

Burns Grain Co.,
Grain Commission

Churchill Grain & Seed Co., The
Receivers and Shippers

Seymour-Wood Grain Co.,
Consignments

Ratcliffe, S. M.,
Commission Merchant

The Townsend-Ward Co.,
Grain Merchandising and
Consignments

Armour Grain Co.,
Grain Merchants

McKillen, Inc., J. G.,
Receivers and Shippers

Davis, Inc., A. C.,
Grain Commission

Pratt & Co.,
Receivers and Shippers

Directory of the Grain Trade

In Organized Markets Only Members of the Local Grain Exchange Will Be Listed

HAVING YOUR name in this directory will introduce you to many old and new firms during the year, whom you do not know or could not meet in any other way. Many new concerns are looking for connections, seeking an outlet or an inlet, possibly in your territory. It is certain that they turn to this recognized Directory, and act upon the suggestions it gives them.

AMARILLO, TEXAS.

Early Grain & Elevtr. Co., wholesale grain.*
Stone & Co., Lester, wholesale grain.*

ATCHISON, KANS.

Moore-Lawless Grain Co., consgrts., futures, pvt. wires.*

ATLANTA, GA.

Commercial Exchange Members.

M. H. Haym, successor to
Gregg & Son, J., wholesale brokers, grain, hay.*

BALTIMORE, MD.

Chamber of Commerce Members.

Baltimore Grain Co., grain receivers, exporters.*
Blackburn & Co., C. P., grain receivers, exporters.*
Dorris & Co., grain merchants.
England & Co., Inc., Chas., grain, hay.*
Fahey & Co., John T., grain receivers and exporters.*
Gill & Fisher, receivers and shippers.*
Hammond, Snyder & Co., Inc., receivers, exporters.*
Hux & Co., G. A., grain, hay, seeds.*
Jones & Co., H. C., receivers, shippers, exporters.*
Lederer Bros., grain receivers.*
Robinson & Jackson, grain commission merchants.*
Steen & Bro., E., grain receivers and exporters.*

BEAVER, OKLA.

Horne Grain Co., Texas wheat, barley, milo.

BIRMINGHAM, ALA.

Birmingham Grain Co., grain, feed, flour.*
Hemphill & Co., R. C., mdse. & grain brokers.*
Montgomery Brokerage Co., grain, gr. pdts., hay, mdse.
Western Grain Co., mfrs. mxd. feed, crn. meal, grits.*

BLOOMINGTON, ILL.

Hasenwinkle Grain Co., brokers of country grain.

BOSTON, MASS.

Chamber of Commerce Members.

Benzaquin, Matthew D., grain brokerage commission.*

BUFFALO, N. Y.

Corn Exchange Members.

Armour Grain Co., grain merchants.*
Burr's Grain Co., grain commission.*
Churchill Grain & Seed Co., receivers, shippers.*
Davis, Inc., A. C., grain.*
Doorty-Ellsworth Co., Inc., brokerage commission.*
Electric Grain Elevator Co., consignments.*
Globe Grain Co., receivers & shippers.*
Harold, A. W., grain, barley a specialty.
Lewis Grain Corp., receivers & shippers.*
McConnell Grain Corporation, commission merchants.*
McKillion, Inc., J. G., receivers and shippers.*
Pratt & Co., receivers, shippers of grain.*
Ratliffe, S. M., commission merchant.*
Seymour-Wood Grain Co., consignments.*
Sunset Grain & Feed Co., grain & feed.*
Taylor & Bournique Co., grain merchants.*
Traders & Producers Supply Co., millfeeds a specialty.
Townsend Ward Co., The, consignments.*
Watkins Grain Co., consignments.*
Whitney & Gibson, consignments.*

CAIRO, ILL.

Board of Trade Members.

Cairo Grain Commission Co., consignments.*
Halliday Elevator Co., grain dealers.*
Lynch Grain Co., grain dealers.*
Thistlewood & Co., grain and hay.*

CARROLLTON, MO.

Claiborne Commission Co., commission merchants.*

CEDAR RAPIDS, IOWA.

Cedar Rapids Grain Co., corn and oats.*
Gifford Grain Co., grain and grain products.*
King Wilder Grain Co., grain shippers.*

CHATTANOOGA, TENN.

Board of Trade Members.

Hood Feed Co., flour, feeds, field seeds.

*Member Grain Dealers National Association.

CHICAGO, ILL.

Board of Trade Members.

Anderson & Co., W. P., grain commission merchants.*
Armour Grain Co., grain buyers.*
Bailey & Co., E. W., grain commission merchants.*
Bartlett-Frazier Co., grain merchants.*
Brennan & Co., John B., grain commission merchants.*
Carhart Code Harwood Co., grain commission.*
Dole & Co., J. H., grain and seeds.*
Freeman & Co., Henry H., grain, hay, straw.
Gerstenberg & Co., commission merchants.*
Hales & Hunter Co., grain merchants.*
Harris, Winthrop & Co., grain commission.*
Hitch & Carder, commission merchants.*
Holt & Co., Lowell, commission, grain and seeds.
Lamson Bros. & Co., consignments solicited.*
Leland & Co., E. F., grain and seeds.*
Lewis & Co., F. S., grain and provisions.*
McKenna & Dickey, commission merchants.*
Mumford & Co., W. R., grain, hay, millstuffs.*
Norris Grain Co., grain merchants.*
Paynter, H. M., grain and field seeds.
Pope & Eckhardt Co., grain and seeds.*
Press & Co., W. G., grain, provisions, stocks, etc.
ReQua Bros., wheat a specialty.
Rumsey & Co., grain commission.*
Schiffin & Co., P. H., commission.*
Shaffer Grain Co., J. C., grain merchants.*
Somers, Jones & Co., grain and field seeds.*
Udike Grain Co., consignments.*

CINCINNATI, O.

Grain & Hay Exchange Members.

Early & Daniel Co., grain, hay, feed.*
Gale Grain Co., The A. C., receivers & shippers.*

CLEVELAND, O.

Grain & Hay Exchange Members.

Bailey, E. L., grain and millfeed.*
Cleveland Grain & Milling Co., The, recvrs. & shprs.*
Gates Elevator Co., The, receivers and shippers.*
Sheets Elevator Co., The, grain, hay, straw.*
Shepard, Clark & Co., grain merchants.*
Strauss & Co., H. M., receivers, shippers hay & grain.*

COLBY, KANSAS.

Harris & Haynes, wholesale—brokers—grain.

CLOVIS, N. MEX.

Western Elevtr. Co., The, rcvrs.-shprs., hdqtrs kafir-milo.*

DAVENPORT, IOWA.

Davenport Elevator Co., receivers and shippers.*

DALHART, TEXAS.

Kinard Grain Co., J. C., wholesale grain & hay.*

DECATUR, ALA.

Decatur Coal & Mfg. Co., grain and feedstuffs.
Lyle-Taylor Grain Co., whlse. grain, hay, feeds.

DECATUR, ILL.

Baldwin & Co., H. I., grain dealers.*

DENVER, COLO.

Grain Exchange Members.

Ady & Crowe Merc. Co., The, grain and hay.*
Ashcraft Grain Co., S. B., wholesale grain.*
Conley-Ross Grain Co., The, grain and beans.*
Crescent Flour Mills Co., The, merchant millers.*
Denver Elevator, wholesale grain, flour, millfeed.*
Farmers Elevator Co., The, H. F. Rover, Mgr.
Gallagher Grain Co., grain merchants.*
Houston Grain Co., wholesale grain.*
Kellogg Grain Co., O. M., receivers and shippers.*
McCaull-Dinsmore Co., wholesaler and commission.*
Moore-Lawless Grain Co., private wires to all markets.*
Phelps Grain Co., T. D., wholesale grain.*
Rocky Mountain Grain Co., export and domestic grain.
Scott-George Grain Co., The, receivers and shippers.*
Summit Grain Co., wheat, corn, oats, rye, barley.*

DES MOINES, IOWA.

Board of Trade Members.

Des Moines Elevtr. & Gr. Co., oats a specialty.
Marshall Hall Grain Co., grain commission.*
Taylor & Patton Co., corn and oats.*

DETROIT, MICH.

Board of Trade Members.

Dumont, Roberts & Co., receivers, shippers.*
Huston, C. R., grain and hay.*
Lapham & Co., J. S., receivers & shippers.*
Lichterberg & Son, oats, corn, hay, straw.*
Simmons & Co., F. J., grain and hay.*
Swift Grain Co., consign or ask for bid.*

DODGE CITY, KANSAS.

Hillyer Grain Co., grain.

FORT WORTH, TEX.

Grain and Cotton Exchange Members.

Dorsey Grain Co., merchants—commission, consignments.
Transit Grain & Com. Co., consignments, brokerage.*

GREAT FALLS, MONTANA.

Barkemeyer Grain & Seed Co., grain dealers.*

GREENVILLE, O.

Grubbs Grain Co., E. A., track buyers.*

HAGERSTOWN, MD.

Valley Brokerage Co., feed, grain, hay broker.

HAMBURG, IOWA.

Sullivan & McBride S. & G. Co., red cob fodder corn.

HASTINGS, NEBR.

Koehler-Twidale Elevator Co., grain dealers.*
Moritz Grain Co., C., wholesale grain.*
Sexson, C. R., grain.*

HATTIESBURG, MISS.

Merchants Grocery Co., whlse. grocers, grain, fd., flr.

HILLSBORO, KANSAS.

Hillsboro Roller Mills, gr. dlrs., flr., chick feed.

HOUSTON, TEX.

Gulf Grain Co., grain, hay, millfeed.*
Rothschild Co., S., grain, c/s products, rice b/p.*

HUTCHINSON, KANS.

Board of Trade Members.

Central Grain Co., The, buyers for mills.
Farmers Co-op. Com. Co., commission merchants.
Goffe & Carkner, private wire.*
Hayes Grain Co., John, grain merchants.
Hutchinson Grain Co., grain merchants.*
Logan Bros. Grain Co., receivers & shippers.*
McClure Grain Co., J. B., buyers and sellers.*
Midwest Grain Co., The, shippers.
Moore Grain Co., consignments—buyers of grain.
Producers Grain Co., The, milling wheat.*
Southwest Grain Co., receivers and shippers.
Union Grain Co., grain merchants.*
Vanderslice-Lynds Co., grain commission merchants.

INDIANAPOLIS, IND.

Board of Trade Members.

Anderson & Mercer, grain commission & consignments.*
Boyd Grain Co., Bert A., strictly brokerage & com.*
Cleveland Grain & Milling Co., grain commission.
Harvard-Rich Grain Co., grain commission.*
Menzie Grain & Bkg. Co., Carl D., grain commission.*
Probst & Kassebaum, Inc., hay, grain, feed.*
Steinhart Grain Co., commission and brokerage.*
Witt, Frank A., grain commission and brokerage.*

JACKSON, MICH.

Wagner-White Co., track buyers-sellers, grain-feed.

JACKSON, MISS.

Field Co., Robt., succ. to P. L. Brittain Co.
Royal Feed & Mfg. Co., mixed feed mfrs.

KANSAS CITY, MO.

Board of Trade Members.

Christopher & Co., B. C., kafir, feterita, milo.*
Claiborne Commission Co., commission merchants.*
Croysdale Grain Co., commission merchants.
Davis Grain Co., A. C., grain commission.
Denton Kuhn Grain Co., consignments.*
Ernst Davis Grain Co., commissions.*
Federal Grain Co., receivers, shippers.*

(Continued on next page.)

Directory of the Grain Trade

In Organized Markets Only Members of the Local Grain Exchange Will Be Listed

KANSAS CITY, MO., (Continued)

Frisco Elevators Co., grain merchants.
Goffe & Carkner, grain commission.*
Hart Baker Grain Co., consignments.*
Hipple Grain Co., kafir, milo, screenings.*
Larabee Flour Mills Corp., The, mfrs. "Larabee Best."*
Lichtig & Co., H., kafir, milo, screenings.*
Logan Bros. Grain Co., receivers and shippers.*
Mensendieck Grain Co., consignments.*
Miller Grain Co., S. H., consignments.*
Moore-Lawless Grain Co., grain receivers.*
Moore-Seaver Grain Co., receivers and shippers.*
Norris Grain Co., grain merchants and exporters.*
Roeben Grain Co., E. E., consignments.*
Root Grain Co., consignments and futures.*
Scouler Bishop Grain Co., receivers and shippers.*
Shannon Grain Co., consignments.*
Simonds, Shields, Lonsdale Grain Co., grain.*
Stevenson Grain Co., buyers and sellers.*
Terminal Elevators, receivers, shippers.*
Twisdale-Wright Grain Co., consignments futures.*
Thresher Grain Co., R. J., grain commission.*
Wilser Grain Co., consignments.*

LAWRENCE, KANS.

Underwood & Sons, J., grain, feed, seeds.

LEAVENWORTH, KANS.

Wilson-Legler Hay & Grain Co., branch at Kansas City.

LIBERAL, KANS.

Light Grain & Mfg. Co., mill pmts., kafir, milo.
Vickers Grain & Seed Co., grain and field seeds.

LINCOLN, NEBR.

Grain Exchange Members.

Ewart Grain Co., wheat, corn, oats, rye, barley.*
Lincoln Grain Co., grain merchants.*
Wright-Leet Grain Co., receivers and shippers.

LITTLE ROCK, ARK.

Grain Exchange Members.

Cable & Stockton, hay, grain, feed.
Davis, S. P., Est. 1893, grain, flour, cottonseed meal.*
Farmer Wilson Co., brokers, hay, grain, mill feed.*
Gordy Co., C. L., grain brok., hay, grain, mill feed.*
Wilson Co., John R., grain brokers.

LOUISVILLE, KY.

Board of Trade Members.

Bingham-Hewett Gr. Co., receivers-shippers of grain.*
Callahan & Sons, receivers and shippers of grain.*
Farmer & Sons, Oscar, hay, grain and feeds.*
Fruechtenicht, Henry, grain, feed, hay.
Kentucky Public Elevator Co., storers and shippers.*
Verhoeff & Co., H., receivers and shippers.*
Zorn & Co., S., receivers and shippers.*

LYNCHBURG, VA.

Moon-Taylor Co., grain and hay brokers.

M'KINNEY, TEXAS.

Reinhart & Company, wheat, corn, oats, maize.*

MARSHALL, MO.

Claiborne Commission Co., commission merchants.*

MEMPHIS, TENN.

Merchants Exchange Members.

Browne, Walter M., broker & com., consignments.*
Buxton, E. E., broker and commission merchant.*
Clark-Burkle & Co., grain and hay.
Cook, L. P., receiver and shipper.
Davis & Andrews Co., grain, mixed feed.*
Denyven & Co., brokers and commission.*
Edgar-Morgan Co., mixed feed manufacturers.
International Sugar Feed Co., feed mfrs. and grain.
Lovitt & Co., L. B., cotton seed and peanut products.
Mississippi Elevator Co., grain dealers, feed mfrs.*
Pease & Dwyer, grain, mixed feed.
Quaker Oats Co., feed & cereal mfrs.
Royal Feed & Milling Co., mixed feed mfrs.
Sessum Grain Co., grain, mixed feed.*
U. S. Feed Co., grain, hay, mill feed.*
Wade & Sons, Inc., John, grain, feed, flour.*

MERCER, MO.

Alley Grain Co., oats, corn, wheat, seeds.*

MERIDIAN, MISS.

Board of Trade Members.

Lyon & Co., A. J., whole, gro., grain, feed.
Meyer Bros., wholesale groc., grain, feed.
Sturgis Co., grain dealers, mixed feed mfrs.*
Threefoot Bros. & Co., whole grain, feed, dr., gro.*

MIDDLEPOINT, OHIO.

Pollock Grain Co., grain, hay, straw, ear corn.

MIDDLETOWN, CONN.

Meech & Stoddard, Inc., grain, feed, hay, flour.*

MINNEAPOLIS, MINN.

Chamber of Commerce Members.

Ranner Grain Co., grain receivers.
Benson, Quinn Co., grain commission.*

MINNEAPOLIS, MINN., (Continued).

Chamber of Commerce Members.
Cargill Commission Co., grain commission.
Cereal Grading Co., grain merchants.*
Gould Grain Co., receivers and shippers.*
Hankinson & Co., H. L., grain commission.
Mainquist & Co., C. A., receivers & shippers.
Marfield Grain Co., grain commission.*
McCarthy Bros. & Co., receivers & shippers.
McCaull Dinsmore Co., consignments solicited.*
Mitchell Co., W. C., grain commission.*
Seidl, Frank J., all grains and feeds.
Sheffield Elevator Co., shippers of grain.
Sterling Grain Co., receivers and shippers all grains.
Van Dusen-Harrington Co., grain merchants.*
Welch Co., E. L., mill oats and screenings.

NEWARK, N. J.

Smith & Wallace Co., J. C., receivers shippers.

NEW CASTLE, PA.

Hamilton Co., grain, feed, flour, hay, potatoes.

NEW ORLEANS, LA.

Board of Trade Members.

Anderson & Jackson, Inc., exporters of grain.*
Barr, R. J., grain exporter.*
Fox Co., C. B., exporters.
Gibbons, J. T., gr. dealers, mixed fd. mfrs., exptre.
Matthews Sons, Geo. B., mill feed manufacturers.
Nathan & Pettis, fwdg. agt. & expt. fght. broker.*
Neumond, Inc., K. & E., dhrs. & exptre in feed articles.
Richeson Co., Inc., W. L., expt. shpg., fgt. bkg. & fg.*
Rodd & Co., Chas. M., gr. brokers & fwdg. agents.*
Waterman & Co., J. S., gr. flour & fd. bkrs., dr. jobsrs.*

MOULTRIE, GA.

Delay, A. J., flour and grist mill.

NASHVILLE, TENN.

Grain Exchange Members.

Allen Grain Co., receivers & shippers.*
Kerr, S. S., receiver and shipper.*
Tennessee Grain Co., receivers and shippers.*
Tyner & Co., John A., recvrs. & shippers.*

NEW YORK CITY.

Produce Exchange Members.

Jones & Co., M. B., buyers—quote us.*
Knight & Company, commission merchants.*
Therrien, A. F., broker.

NORFOLK, VA.

Moon-Taylor Co., grain and hay brokers.

OKLAHOMA CITY, OKLA.

Grain Exchange Members.

Cherokee Grain Co., grain merchants.*
Conyers Grain Co., grain merchants.*
Lang Grain Co., J. H., prompt and efficient service.*
Langenberg Bros. Grain Co., grain merchants.
Marshall Grain Co., grain, feed, seeds.*
Moore, George L., grain merchant.
Okla. City M. & E. Co., grain merchants, millers.*
Perkins Grain Co., W. L., brokers.*
Scannell-Winters Grain Co., grain and feed.
Stinnett Grain Co., grain merchants.*
Stowers Grain Co., W. B., commission merchants.
Strader & Co., J. Edgar, grain, hay, feed.*
White Grain Co.

OMAHA, NEBR.

Grain Exchange Members.

Butler Welsh Grain Co., grain merchants.*
Crowell Elevator Co., receivers, shippers.*
Holmquist Elevator Co., receivers and shippers.*
Maney Grain Co., The, consignments.*
Miller Wilson Grain Co., receivers and shippers.
Roberts Grain Co., Geo. A., grain merchants.*
Stockham Grain Co., H., commission merchants.*
Trans-Mississippi Grain Co., receivers and shippers.*
United Grain Co., grain commission.
Udike Grain Co., consignments.*

OTTAWA, KANS.

Ross Milling Co., The, millers, hard wheat flour.

PAMPA, TEXAS.

McMurtry Grain Co., L. C., wheat, kafir, milo.*

PEORIA, ILL.

Board of Trade Members.

Bartlett Co., S. C., grain commission.*
Bowen Grain Co., H. D., receivers & shippers.
Cole Grain Co., Geo. W., receivers and shippers.*
Dewey & Sons, W. W., grain commission.*
Feltman Grain Co., C. H., grain commission.*
Harrison, Ward & Co., receivers & shippers.
Luke Grain Co., grain commission.*
McFadden & Co., G. C., consignments.*
McCreery & Son, J. A., wheat, corn, oats.*
Miles, P. B. & C. C., grain commission.*

PEORIA, ILL., (Continued).

Mueller Grain Co., receivers and shippers.*
Shaffer Grain Co., J. C., receivers & shippers.*
Turner Haddut Co., receivers and shippers.*
Tyng Grain Company, receivers and shippers.*

PHILADELPHIA, PA.

Commercial Exchange Members.

Delp Grain Co., E. E., grain and millfeeds.*
Dunwoody Co., Etl., flour, grain, feed.*
McKay, Donald, grain and millfeeds.*
Miller & Sons, L. F., grain, seeds, hay.*
Richardson Bros., grain, flour, millfeeds.*
Richardson, Geo. M., grain and feeds.*
Rogers & Co., E. L., hay, straw, grain, feed.*
Standard Hay & Grain Co., grain and hay.*
Stites, A. Judson, grain & millfeed.*
Young & Co., S. H., wheat, corn, oats.

PITTSBURGH, PA.

Members Grain and Hay Exchange.

Allen & Co., H. S., grain & hay.*
Burson Grain Co., C. G., recvrs., shprs-commission.*
Elwood & Co., R. D., hay and grain.*
Foster Co., C. A., grain merchants.*
Geidel & Leubin, grain and hay.
Hardman & Daker, grain, hay, millfeed.*
Harper Grain Co., corn a specialty.*
Heck & Co., W. F., grain, hay, millfeed.*
Herb Bros. & Martin, grain and hay.
McCague, R. S., grain, hay.
Rogers & Co., Geo. E., grain & hay.*
Smith & Co., J. W., grain merchants.*
Stewart & Co., Jesse C., grain and mill feed.
Walton Co., Samuel, grain and hay.*

PONTIAC, ILL.

Balbach, Paul A., grain buyer, all markets.

PORTLAND, ORE.

Pacific Coast Elevator Co., grain.*
Pacific Grain Co., grain exporters.*

PUEBLO, COLO.

McClelland Met'l I. & R. Co., grain hay, and feed.*

QUINTER, KANSAS.

Jones-Rogers Grain Co., brokers.

RICHMOND, VA.

Grain Exchange Members.

Beveridge & Co., S. T., grain, hay, feeds, seeds.

ROCHESTER, N. Y.

Dailey Bros., Inc., receivers and shippers.

SAGINAW, MICH.

Saginaw Milling Co., flour, feed, hay, grain.*

SALINA, KANS.

Board of Trade Members.

Baber Grain, Feed & Seed Co., grains, feed, seeds.
Bossemeyer Grain Co., The Paul, grain merchants.*
Richter Grain Co., wheat, coarse grains & millfeed.
E. L. Rickel, grain receiver and shipper.
Service Grain Co., grain, feed, grain products.
Weber Flour Mills Corp., millers, exporters, grain dms.
Wright-Wilson Grain Co., milling wheat.

SALT LAKE CITY, UTAH.

Utah-Idaho Bkg. Co., whole grain, hay, flour, feed.*

ST. JOSEPH, MO.

Grain Exchange Members.

Aunt Jemima Mills Co., A. J., hominy feed.
Claiborne Commission Co., commission merchants.*
Herries-Yancey Grain Co., commission merchants.*
Marshall Hah Grain Co., consignments solicited.*

ST. LOUIS, MO.

Merchants Exchange Members.

Annan Burg G. & M. Co., flour, grain, millfeed.*
Ballard-Messmore Grain Co., recvrs. grain, hay, seeds.
Bushfield Grain Co., receivers and shippers.
Claiborne Commission Co., commission merchants.*
Dreyer Commission Co., feeding stuffs, grain, seeds.*
Elmore Schult Gr. Co., receivers and shippers grain.*
Goffe & Carkner Co., grain commission.*
Graham & Martin Grain Co., grain commission.*
Ichtertz & Watson, grain, seeds and hay.*
Marshall Hall Grain Co., grain commissions.*
Langenberg Bros. Grain Co., grain commission.*
Morton & Co., grain commission.*
Nanson Commission Co., grain commission.*
Picker & Beardsley Com. Co., grain and grass seed.*
Toberman, Mackey & Co., grain, hay, seeds.*

SEDALIA, MO.

Claiborne Commission Co., commission merchants.*

Directory of the Grain Trade

In Organized Markets Only Members of the Local Grain Exchange Will Be Listed

SIOUX CITY, IOWA.

Board of Trade Members.
Button Co., L. C., grain commission.
McCaull Dinsmore Co., commission.*
Terminal Grain Corp., receivers & shippers.
Rumsey & Co., receivers of consignments.*
Merriam Commission Co., corn and oats.
Western Terminal Elevator Co., receivers and shippers.

SIOUX FALLS, S. D.

Burke Grain Co., grain merchants.

SPRINGFIELD, MO.

Claiborne Commission Co., commission merchants.*

STERLING, COLO.

Moore, James A., grain dealer.

TAMPA, FLA.

Bonacker Bros., brokers, grain, hay, feed, flour.

THOMASVILLE, GA.

Burch & Son, W. H., corn millers.

TOLEDO, OHIO.

Produce Exchange Members.
De Vore & Co., H. W., grain and seeds.*
King & Co., C. A., grain and seeds.
Morehouse & Co., wholesale grain and seeds

TOLEDO, OHIO, (Continued).

Southworth & Co., grain and seeds.*
Wickenhiser & Co., John, grain receivers, shippers.
Young Grain Co., grain.
Zahn & Co., J. F., grain seeds.*

TOPEKA, KANS.

Derby Grain Co., wheat, corn, oats, and millfeed.*
Golden Belt Grain & Elevator Co., The, recvrs. & shprs.
Topeka Grain Co., wheat, corn, oats, mill & ctn. feed.

TULIA, TEXAS.

Cowan Grain Co., W. C., wheat, oats, maize, kafir.*

TURON, KANS.

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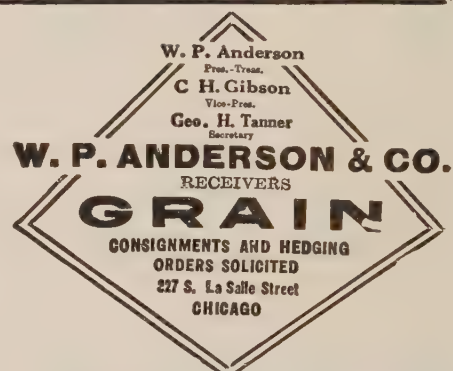
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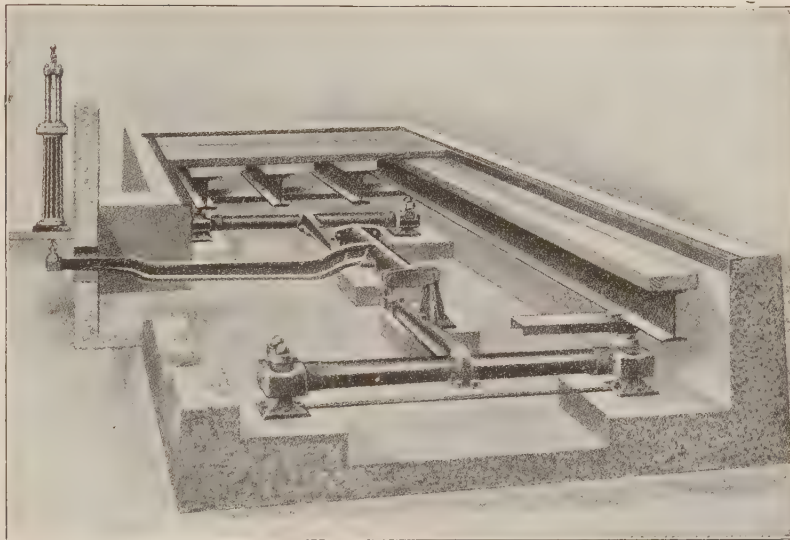
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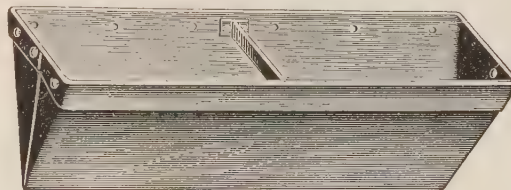
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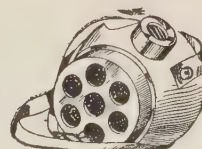
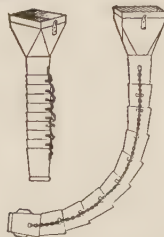


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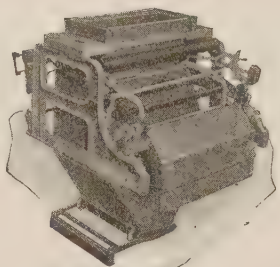
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*Positively Avoids Man-made Errors
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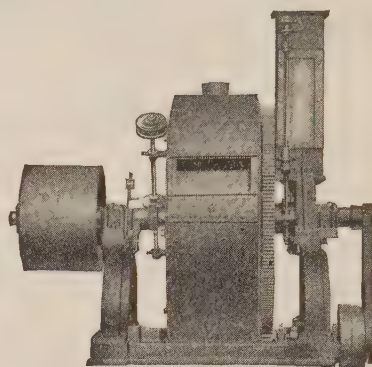
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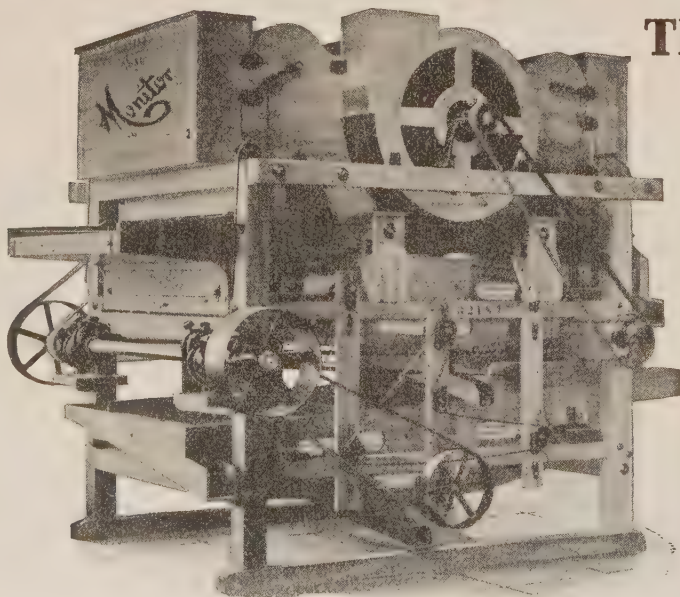
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Once through a MONITOR
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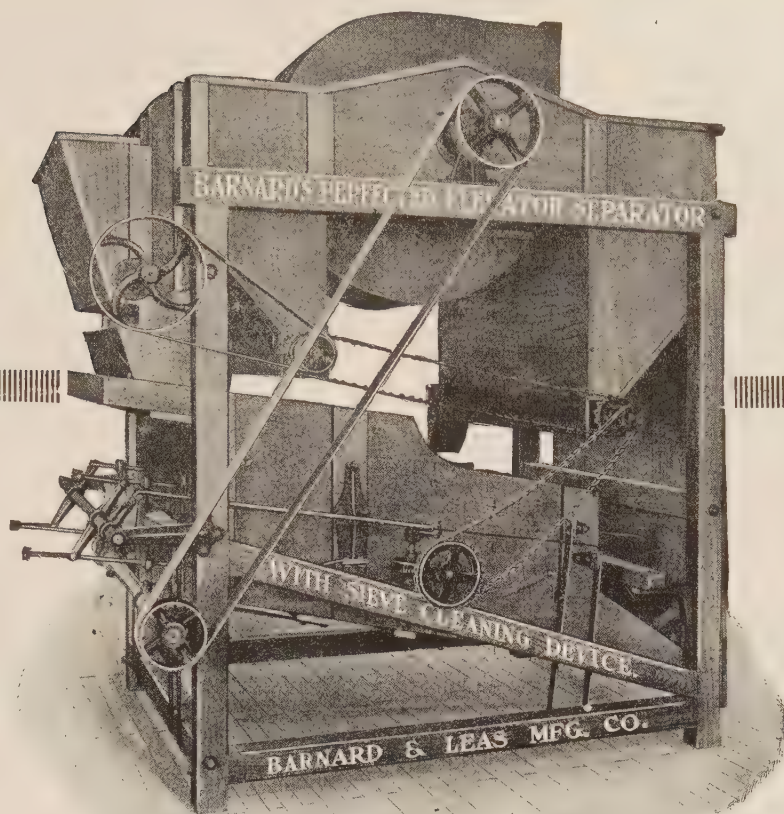
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But, no matter how you arrange the flow

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Removes, without clogging, all foreign material
leaving the grain thoroughly clean

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Special Bulletin No. 14-M illustrates our full line; write for it.

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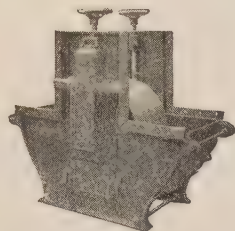
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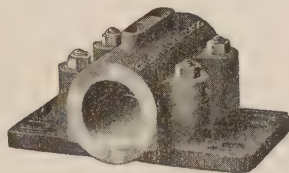


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309 So. La Salle St.

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**Self-Acting
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or anything used in a grain elevator.

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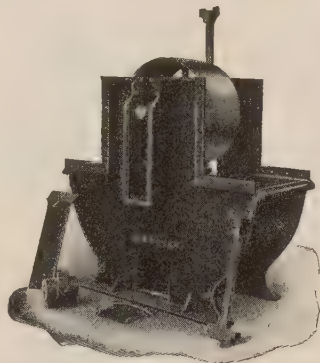
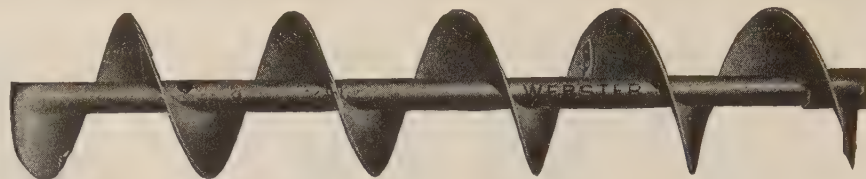
Dust Collectors

Alone do not Prevent Explosions in Elevators, but
DAY

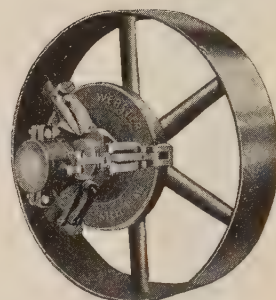
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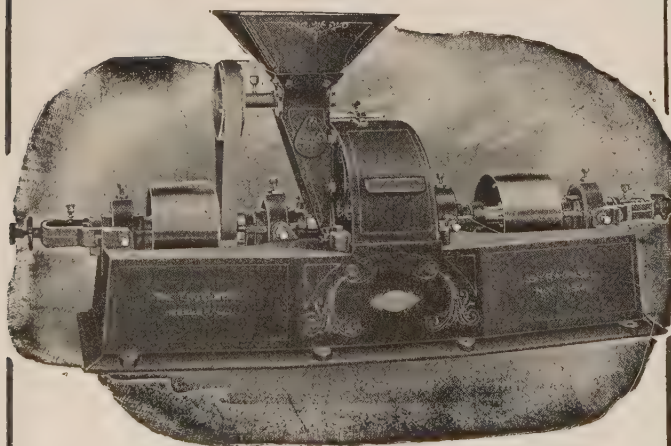


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309 South La Salle Street

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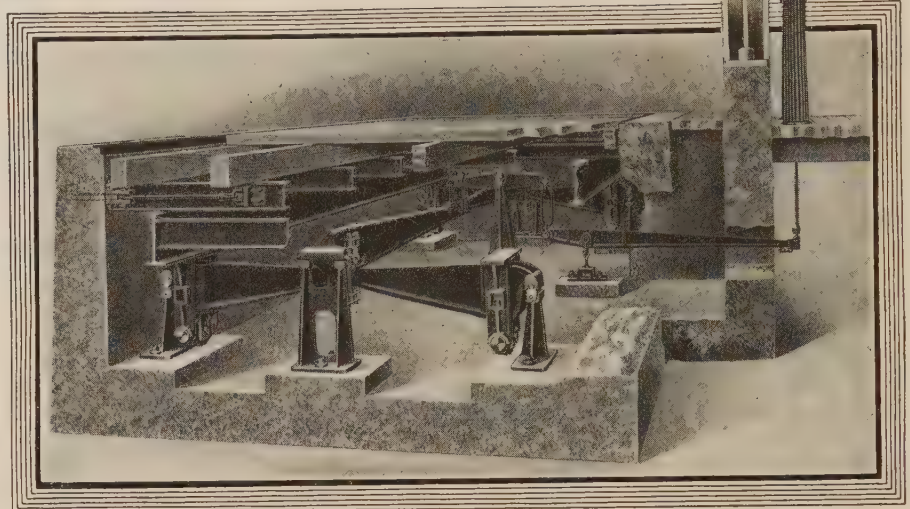
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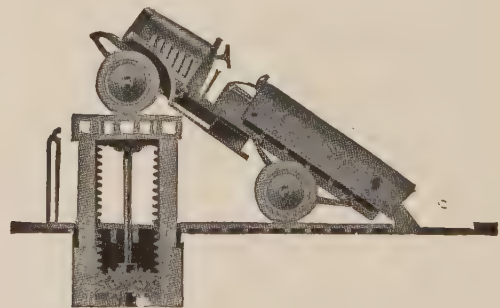
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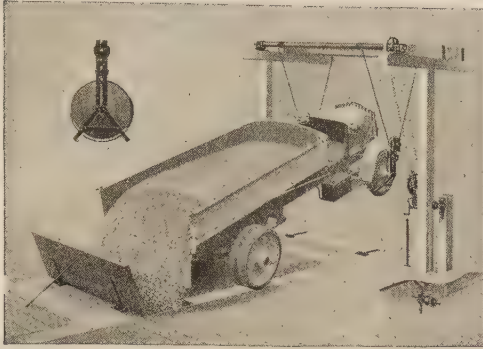


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I can fill that position you have open—fill it perfectly, to your satisfaction. Tell me where to find you in a

Grain Dealers Journal
Want Ad.

Everybody Wants To Cut Expenses

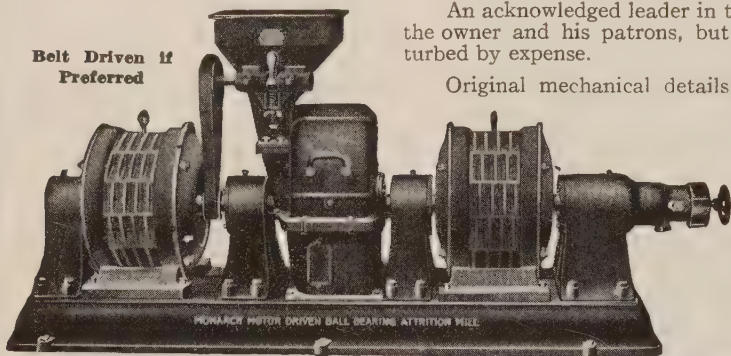
Profits must be saved as well as earned and economy in conducting business is as important as the returns from sales.

In starting or continuing the operation of a feed grinding business in connection with your regular grain business, the first step toward cutting expenses and keeping them at a low level, is the installation of the

MONARCH BALL BEARING ATTRITION MILL

Whether you are just starting in business or have been engaged in feed grinding for some time—it will pay you to get a MONARCH—if you do not already own one.

Belt Driven if
Preferred



An acknowledged leader in the field, this mill not only stands for satisfaction to both the owner and his patrons, but is so economical to run that profits are in no way disturbed by expense.

Original mechanical details, worked out carefully, proved and accepted by hard headed men of business, have removed the fear of competition.

Will you allow us to figure on your feed grinding proposition, without cost or obligation to you?

Sprout, Waldron & Co.
Milling Engineers

Main Office and Works, P. O. Box No. 267, Muncy, Pa.
Chicago Office No. 9 So. Clinton St.

When You Think of Electrical Construction or Repairing—THINK OF

Pierson-Wilcox Elect. Co.
MINNEAPOLIS, MINN.
ESTABLISHED 1898

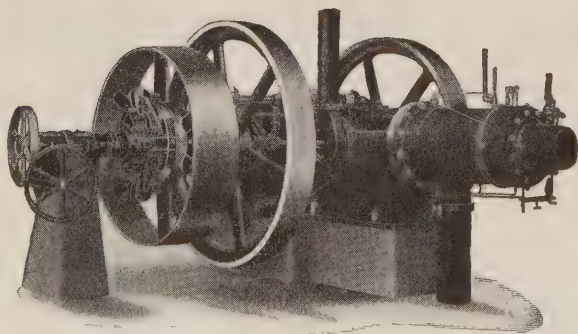
For elevator and mill supplies we issue a net price catalog. If in the market write us for one.

WHITE ★ STAR ★ CO.
WICHITA, KANSAS

—First in Enterprise!
—First in Advertising!
—First in Circulation!
—First in News!

The Grain Dealers Journal

MUNCIE *Heavy Duty* Oil Engine



USE CRUDE OIL AND FUEL OIL

Reduce Your Fuel Bill 80 Percent
Sizes 10 to 250 H. P.

MUNCIE OIL ENGINE CO.
MUNCIE, IND., U.S.A.

Branches: Atlanta, Ga. Dallas, Tex. Export Dept.
36-40 W. 60th St., N. Y. City

BAD ORDER CARS

cause the loss of many hard earned dollars to shippers of grain and seed.

MUCH OF THIS LOSS can be saved by the use of Kennedy Car Liners. These car liners practically condition a bad order car and enable shippers to load cars that otherwise would be rejected.

KENNEDY SYSTEM of car liners prevent leakage in transit and we make car liners for all cases of bad order cars, consisting of full Standard Liners, End Liners and Door Liners.

WILL YOU NOT give us an opportunity to submit full details of our system and the low cost of same? We are confident this would demonstrate to you the efficiency and money saving merits of our proposition.

THE KENNEDY CAR LINER & BAG CO.
SHELBYVILLE, IND.

Canadian Factory at Woodstock, Ontario.

Wagon Loads Received

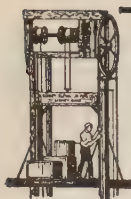
A book for the use of country grain buyers in keeping a record of grain received from farmers. Some dealers record oats receipts in front and corn receipts in the back of book; others use a separate book for each kind of grain.

Its column headings are: Month, Day, Name, Kind, Gross and Tare, Net Pounds, Bushels, Pounds, Price, Dollars, Cents and Remarks.

The book is 9½x12 inches, 160 pages, 20 lines to each page, giving room for recording 3,200 loads, printed on Linen Ledger Paper and is well bound in strong board covers with leather back and corners. Order Form 380.

Price, \$2.75

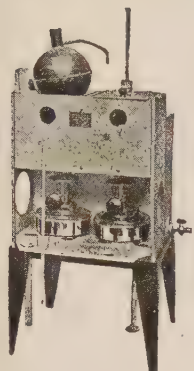
GRAIN DEALERS JOURNAL
309 South La Salle St., CHICAGO, ILL.



SIDNEY AND MAN LIFTS
ELEVATORS
 are Money Makers
 They will reduce your handling expense and speed up your work. Easily installed. For quotations give your requirements.
SIDNEY ELEVATOR MFG. CO.
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Genuine

Brown-Duvel Moisture Testers



One two, four or six compartments
Electric, Gas or Alcohol Heated.

Our testers are shipped complete with Scale and all necessary supplies to make Moisture Tests.

Send postal for our new reduced prices and complete catalogue.

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because of its better protective qualities makes frequent repainting unnecessary and so gives better protection at lower cost.

It is a natural combination of flake silica-graphite with a vehicle of best linseed oil. It will not peel, crack or flake off because of the natural elasticity of the flake graphite, while the silica is an anchor that withstands wear.

Write for Booklet No. 15-B and long service record.

JOSEPH DIXON CRUCIBLE COMPANY
JERSEY CITY, N. J.
 Established 1827

Put Your Name

where every progressive grain dealer will see it and keep it there.

THAT IS IN THE

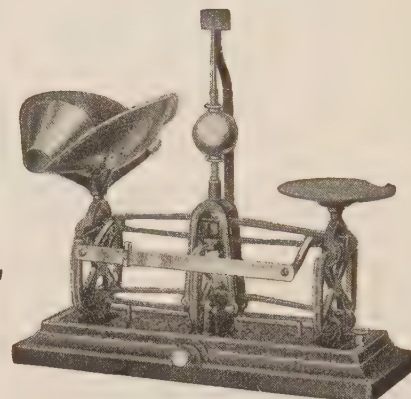
Grain Dealers Journal
 OF CHICAGO

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Randolph Grain Driers
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5055
 No. 5055
 For Grain Testing, Etc.



No. 4000 Used in Moisture Test

SEND FOR CATALOG NO. 35G

The Torsion Balance Co.

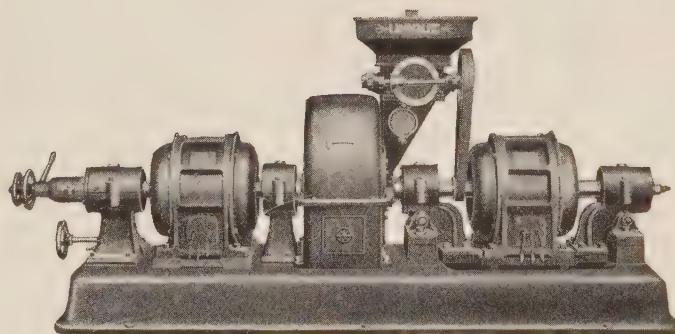
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(Belt Driven If Preferred)

One owner wrote he made \$3,000.00 in 9 months and paid out \$700.00 for power.

Others say they make \$350.00 a month feed grinding.

Names given on request.

Why not make money yourself?

Write **ROBINSON MFG. CO.,** P. O. BOX 411 MUNCY, PA.

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A Reduced Cost of Handling Grain

makes the Best Elevator obtainable a profitable investment.

Ask for Suggestions on Saving Material, Power and Labor, before completing plans for your new elevator.

30 Years Practical Experience

YOUNGLOVE CONSTRUCTION CO.
Sioux City, Iowa



THE illustration shown is of an elevator designed and built by us. May we build one for you?

Write and tell us when to call and go over the proposition with you.

Corn Belt Engineering & Construction Co.
BLOOMINGTON ILLINOIS

Your Individual Needs are respected when your elevator is designed and built by

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Especially Designed for Economy of Operation and Maintenance
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Modern Grain Elevators
Grain Storage Tanks
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MODERN GRAIN ELEVATORS
STORAGE TANKS and COAL POCKETS
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MODERN WOOD and FIREPROOF ELEVATORS

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We build Modern Fireproof Grain Elevators,
Mill Buildings and Storage Bins
SPECIAL ATTENTION GIVEN TO REPAIR WORK
Let Us Know Your Requirements

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GRAIN ELEVATORS and COAL POCKETS
of the BETTER CLASS
Special study given to each plant—Each
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Elevators
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Flour Mills and Grain Elevators

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Contractors, Designers and Builders of
Concrete or Wood Elevators
JOBBER IN MILL AND ELEVATOR SUPPLIES

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W.C. BAILEY
Contracts and Builds
Modern Grain Elevators
We can furnish and install equipment in old or new
elevators, guaranteeing greater capacity with less
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Let us show you
433 Railway Exchange Bldg., OMAHA, NEB.

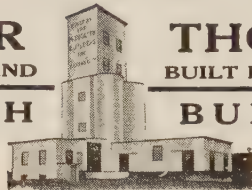
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We have the most complete
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for the construction of

GRAIN and COAL ELEVATORS

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ANOTHER
DESIGNED AND
THE MONOLITH
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DESIGNER & BUILDER
OF GRAIN ELEVATORS
MAYER HOTEL PEORIA, ILL.

Are you in the market for a modern country elevator?

If so our engineering department is at your service. Our record
is written in 1200 successful plants. Write us your requirements.

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HICKOK Construction Co. MINNEAPOLIS **ELEVATORS**

Cover's Dust Protector
Rubber Protector, \$2.00
Sent postpaid on receipt
price; or on trial to responsible
parties. Has automatic valve and
fine sponge.
H. S. COVER
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For Accurate Moisture Tests
use our Grain Dealers' Air
Tight Cans for forwarding
your grain samples.
ST. LOUIS PAPER CAN & TUBE CO.
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Another Reliance Success

Elevators of our design and construction
are the best endorsement of our work. We
study your particular problems and build
the elevator best adapted to your needs.
Write us for further particulars.

Reliance Construction Co.

Board of Trade Indianapolis, Ind.

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Bearing shipper's
name and consecu-
tive numbers.

Prevent

CLAIM LOSSES

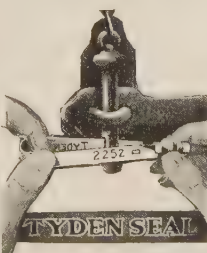
10,000 SHIPPERS

Are now using them

Write for samples
and prices

INTERNATIONAL SEAL & LOCK CO.

Chas. J. Webb, Vice-President
617 Railway Exchange Bldg., Chicago, Ill



Duplicating Wagon Load Receiving Book

Hauler	Gross	Tare	Net	

This book is designed to facilitate the work of country buyers during
the busy season when each farmer is hauling a number of loads at a time.
The above illustration shows the left hand side of the sheet which remains
in the book. The outer half has the same rulings, but is printed on the
other side of the sheet, so that when sheet is folded back on itself, and a
sheet of carbon is inserted, an exact duplicate will be made of each entry.
Each page has room for 33 loads and is machine perforated down the mid-
dle so outer half may be torn out and given to the farmer or sent to head-
quarters of line company.

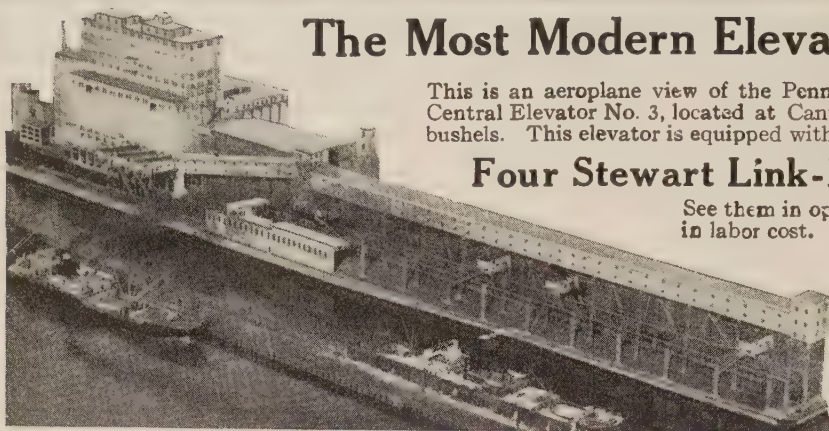
The book is 12x12 inches, check bound with canvas back, contains 225
leaves ruled both sides, and nine sheets of carbon.

Order Form 66. Price \$3.00. Weight. 4 lbs.

Grain Dealers Journal

309 So. La Salle St. Chicago, Ill.

The Most Modern Elevator in the World



This is an aeroplane view of the Pennsylvania Railroad Company's new Northern Central Elevator No. 3, located at Canton, Baltimore, Maryland, capacity 5,000,000 bushels. This elevator is equipped with

Four Stewart Link-Belt Grain Car Unloaders

See them in operation and be convinced of their great saving in labor cost.

James Stewart & Co., Inc.

Designers and Builders
GRAIN ELEVATORS
In All Parts of the World

Grain Elevator Dept., W. R. Sinks, Manager
1210 Fisher Building, Chicago, Ill.

"We have built for many of your friends. Eventually we will build for you. Why not now?"

GROUP OF TERMINAL ELEVATORS BUILT RECENTLY BY US AT

Port Arthur, Ontario

FOR

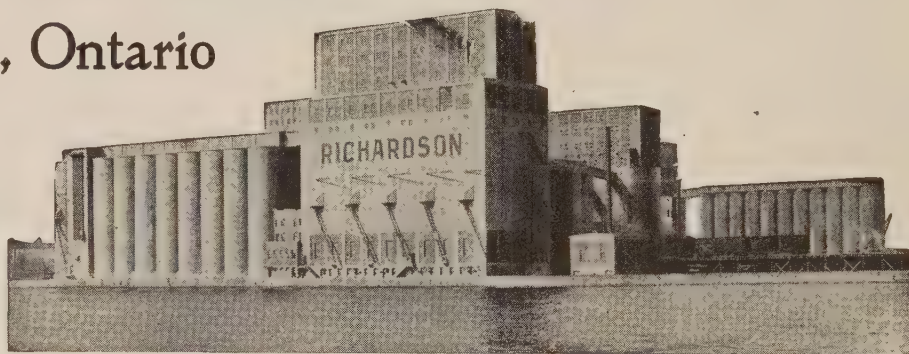
The Grain Growers' Grain Company, Limited.

The Saskatchewan Co-operative Elevator Co., Limited.

The James Richardson & Sons, Limited.

THE BARNETT-McQUEEN COMPANY, LIMITED

Designers and Builders of GRAIN ELEVATORS
Offices: Fort William, Ont., Duluth, Minn.
Minneapolis, Minn.

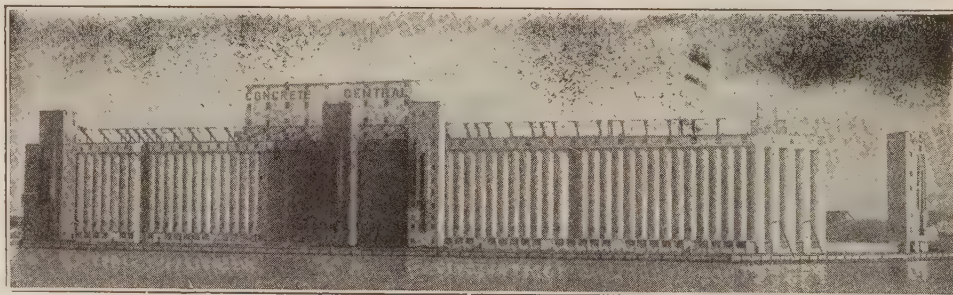


Monarch Built Elevators

assure you economical design, first class work, efficient operation.

SATISFACTION

Let us Submit Designs and Prices



Concrete Centra Buffalo, 4,500,000 Bu.

One of the modern houses which has made a record for rapid and economical handling

MONARCH ENGINEERING CO., BUFFALO, N. Y.



Pennsylvania Railroad Co.'s Terminal Elevator at Erie, Pa. 1,250,000 storage capacity, with marine leg, 25,000 bu. receiving capacity. All concrete, modern construction, with latest improvements.

Designed and built under the direction of

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McCormick Bldg. - Chicago, Ill.

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Buenos Aires Elevator Co.'s Terminal
Buenos Aires, Argentina

John S. Metcalf Co.

Grain Elevator Engineers

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BUENOS AIRES



New York State Barge Canal Terminal Elevator now under construction

\$148,345.00 saved by the State of New York in placing contract for this structure with us.
ADVANCED METHODS—INTENSIVELY DEVELOPED ORGANIZATION—MADE THIS POSSIBLE

FEGLES CONSTRUCTION COMPANY, Limited

Minneapolis, Minn.

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Decatur Construction Co.
ENGINEERS AND BUILDERS
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760-762 Gushard Building
DECATUR ILLINOIS

L. J. McMILLIN
ENGINEER and CONTRACTOR of
GRAIN ELEVATORS
Any Size or Capacity
523 Board of Trade Bldg., Indianapolis, Ind.

FOR
Concrete Elevators
TOWNSEND B. SMITH
Decatur, Ill.

H. P. Roberts L. D. Rosenbauer

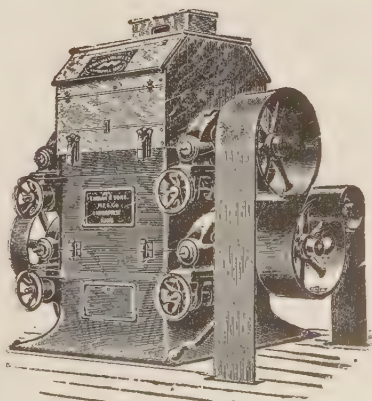
Southwestern Engineering Company
Designers and Builders of
Modern Mills and
Elevators
Flour Mill and Elevator Machinery
SPRINGFIELD, MO.

Brandon Construction Company
The Southeast's Foremost ELEVATOR BUILDERS
MARIANNA FLORIDA

More Profits

The elevator owner who installs a feed mill in his elevator puts himself in line for more profits. No other sideline is as profitable. Your farmer patrons must have feed for stock. Are you going to let them go to your competitor? Drop us a line asking for further particulars regarding a feed mill for your elevator.

J. B. Ehrsam & Sons Mfg. Co.
Enterprise, Kansas



CONE-SHAPE GRINDERS

IT PAYS TO GRIND ALL GRAINS

Look to the Grinders. They do the work! Bowsher's Cone-Shape grinders are the correct principle in Feed Mill construction. They mean larger grinding surface close to center of Shaft; thus More Capacity, Lighter Draft, Longer Life.

"Desire to express my appreciation of the long-lasting, trouble-proof Bowsher. Have used a No. 4 ten years with less than One Dollar per year for repairs." E. W. Watt, Jacobsburg, O.

10 sizes; 2 to 25 H. P. Write for free catalogue. G. D. J.

N. P. BOWSHER CO., SOUTH BEND, IND.

OUR advertisers are helping us to improve Grain Trade conditions. SHOW YOUR APPRECIATION, Mention G. D. J.

HALL SPECIAL ELEVATOR LEG

Not one moving part; that is the simplicity of the basic principle of the automatic non-chokable feed underlying the Hall Special.



A solid cast iron barrier regulates the automatic feed; that is the vigilance of the Hall Special.

Both feed and discharge are positive and accurate, needing no attention; that is the self reliance of the Hall Special.

Grain is elevated and distributed without a choke, without mixing the grades, in less time, at less cost than ever heretofore known; that is the economy of the Hall Special.

SAVES MONEY: TIME: LABOR: GRAIN

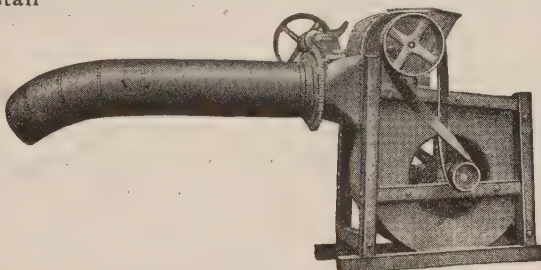
It is not an expense. It is part of the plant investment. It never needs renewing. Its convenience alone justifies its cost. It is the Hall Signaling Grain Distributor.

Hall Distributor Company, 222 Railway Exchange, Omaha, Nebr.

CLEAN AND LOAD IN ONE OPERATION

To make the most money these days the grain elevator operator must operate his plant as economically as possible; he must ship the highest grain possible and it must be clean. To get the maximum in loading facilities and at the same time clean the grain loaded every elevator operator should install

The
Combined
Grain
Cleaner
and
Pneumatic
Car
Loader

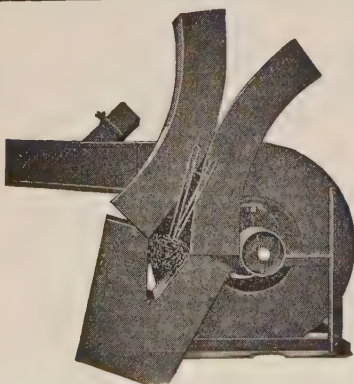


It does not mill or crack the grain; fills cars to full capacity; strong, durable, requires no attention after starting. Cools and dries the grain as it passes through the air.

Used by hundreds of elevator owners. List of users will be sent you upon request.

Write for List and Circulars

MATTOON GRAIN CONVEYOR CO., MATTOON, ILLINOIS



30 DAYS' TRIAL

Small Elevator Plans Free

Suggestive plans for small elevators from 2,000 to 6,000 bushels capacity will be mailed you upon request. These houses are low in height and cost. Grain loaded without scooping and plans include automatic scale, cleaner and Boss Air Blast Car Loader. Just the thing for many small stations.

We can also mail plans for small plants for receiving, storing and shipping corn in the EAR without scooping in the car.

You can make your old house modern by installing a Boss Air Blast Car Loader. Every car can then be loaded without scooping. Our Portable outfits meet many needs. Write today outlining your problems. We will send you complete information free.

Maroa Manufacturing Company, Dept. G, Maroa, Ill., U. S. A.

Certain Departments

in this number of the GRAIN DEALERS JOURNAL are especially interesting. After you have read them, consider carefully whether you are not better off with the twenty-four numbers of the Journal, on your desk, or the \$2.00 in your pocket.

Greeting Cards

Keep up the Christmas Spirit with a message of cheerfulness, do it with holiday greeting cards. A complete set of samples, Business or Personal greetings, or both kinds with price list will be mailed promptly for your inspection.

The American Embossing Co.
193-95 Seneca St. Buffalo, N. Y.

SPEAR Sample Envelopes

*Grain Samples Sent
the Spear Way Always
Reach Destination*

The value of supplying your customers with clean, promptly delivered samples is obvious. Do not neglect the important factor of good sample envelopes.

Write us for samples and prices today.

HEYWOOD MFG. CO.
204 N. 3rd St. Minneapolis, Minn.

You Can Make

the Grain Dealers Journal worth much or little to your business. It represents the labor of nearly a thousand persons using equipment that costs nearly a million. All of it is in the interest of your business and you will find suggestions and pointers in both the reading and advertising pages of real value, if you will but read and heed the message.

Wanted and For Sale

The rate for advertisements in this department is 25 cents per type line each insertion.

ELEVATORS FOR SALE.

NEBRASKA—Two new elevators located on main line of C. B. & Q. R. R., one nine miles and one twelve miles south of Lincoln. Capacity 12,000 and 18,000 bushels. Address Roca Co-op. Grain & Coal Co., Roca, Nebr.

CENTRAL INDIANA elevator for sale at right price if taken at once; 25,000 bu. capacity; electric power; extra large territory; private ground; side lines. Address 47W5, Grain Dealers Journal, Chicago, Ill.

IOWA ELEVATOR, pop corn cribs and coal yards for sale; only one in town. About 100 miles east of Sioux City. Doing a good business. Address 47U3, Grain Dealers Journal, Chicago, Ill.

WESTERN IOWA—TWO elevators at adjoining stations handling grain, coal and feed. One man can handle both with helper. Both modern equipment, and big grain stations. Address 46M7, Grain Dealers Journal, Chicago, Ill.

ELEVATOR FOR SALE—If you do not find the elevator you want advertised, place your wants in the "ELEVATORS WANTED" section and you will receive full particulars regarding many desirable properties not yet advertised.

OKLAHOMA—Modern, up-to-date, cribbed country elevator for sale, with mill buildings and warehouse in connection, on Frisco lines in Oklahoma in a community that raises strictly wheat. Has big trackage, several lots, and best location in town. Address Hunter Mill Co., Hunter, Okla., for price and information.

CENTRAL ILLINOIS ELEVATOR.

100,000 bushel house in good town handling 1,000,000 bushels per year, one competitor. 50,000 bushels ear corn storage. Big ear corn station. This looks like the year to put away ear corn. There is no better country point in the grain belt. Can give quick possession. Address 47W22, Grain Dealers Journal, Chicago, Ill.

ILLINOIS 20,000-bu. capacity elevator, located on C., B. & Q. R.R., for sale. Good coal and feed business in connection, with new feed house and coal storage. Elevator in fine condition and equipped with electric power, 2 dumps, 2 scales. Exceptionally fine location. Only elevator in town. Priced right. Address 47S15, Grain Dealers Journal, Chicago, Ill.

CENTRAL WISCONSIN elevator and service station for sale. Modern, new gasoline filling station, built 7 months; sales first season 35,000 gallons of gasoline. Located on State Highway. Adjoining elevator with capacity of 12,000 bu., doing a business of \$75,000.00 last year. Two residence or business lots adjoining. Located in town of 8,000, good grain center. Price \$18,000. Reason for selling, poor health. Address 47V24, Grain Dealers Journal, Chicago, Ill.

CENTRAL ILLINOIS—Two up-to-date elevators for sale, in excellent repair, together with residence property, good offices and fine equipment. Elevators are 32,000 and 18,000 bushel capacity, at adjoining stations, in the best grain section of Central Illinois. Handling from 350,000 to 400,000 bushels of grain annually, also side lines. Large territories and best of competition. Dissolving partnership and remaining partner cannot handle both plants, so will sell one or both plants or would consider new partnership with right party. This is an exceptional opportunity for some one. In order to make a prompt deal we have priced these elevators at what one of them is worth—\$25,000.00. Address 47W1, Grain Dealers Journal, Chicago, Ill.

ELEVATORS FOR SALE.

ELEVATOR, warehouse and coal sheds for sale. Clover Leaf Grain Co., Pleasant Bend, O.

KANSAS elevator, in best wheat belt, for sale; 15,000 bushel house. Crops in fine condition. \$3,000 quick sale. Address 47J28, Grain Dealers Journal, Chicago, Ill.

SOUTHERN INDIANA—15,000-bushel cribbed elevator on private ground in County Seat town for sale. Good grain, flour and feed business. Address A. H. Richner, Crawfordsville, Ind.

IOWA—THREE elevators in north central Iowa for sale. All doing good business and in excellent territory. Price right. Write quick. Address 46M4, Grain Dealers Journal, Chicago.

KANSAS—Nearly new, up-to-date, iron covered elevator in eastern Kansas for sale; good business; fine prospects. Address 47V6, Grain Dealers Journal, Chicago, Ill.

TWO INDIANA elevators and implement business for sale; doing good business; electrically operated; located on main line of railroad. Address 47U7, Grain Dealers Journal, Chicago, Ill.

CENTRAL ILLINOIS ELEVATOR.

Small one man electric power elevator on both east-west and north-south railroads. Good town handling 800,000 bushels per year. Good competition. Price \$5,000. Fine opportunity for man of limited capital who knows business. Address 47W21, Grain Dealers Journal, Chicago.

YOU MAY BE MISSING SOMETHING

If you do not read the Wanted and For Sale ads each issue. If you have something to sell or exchange, insert a small advertisement in the "Wanted—For Sale" department of the Grain Dealers Journal, 305 So. LaSalle St., Chicago, Ill.

WISCONSIN—6,000 bushel capacity elevator for sale. Situated in the Holstein center, \$100,000.00 business transacted last year in Dairy, Feed, Grass Seed, Flour, Salt and Grain. All in A1 shape. Situated at Mapleton, Wis. Make me an offer, as I am going to sell. Come and see the property. Calvin J. Jones, R. No. 2, Oconomowoc, Wis.

KANSAS—The best elevator and feed business in the best city in Kansas for sale. Capacity 15,000 bu. Can make 100 sacks chop per hour. Electric power. Everything in splendid condition. On my own ground; plenty of room. Two railroads. A hustler can make this business pay out in 3 years. Price \$20,000.00, one-half down, balance terms. Good reasons for selling. No trades. McAleer's Mill & Elevator, Parsons, Kansas.

RECEIVER'S SALE OF ELEVATOR and flour mill. Indiana Elevator 28 miles west of Indianapolis, in fine farming section; 30,000 bu. capacity. Coal, feed, flour, post and fence business in connection. Acknowledged to be best elevator location in small town in central Indiana. Also 40 bbl. Midget system flour mill in excellent condition. 15,000 bu. storage capacity. Will be sold separate or together. Date December 1, 1921, and from day to day thereafter until sold. For full particulars and description address

Marion H. Roberts,
Receiver, Farmers Elevator Co.,
Jamestown, Indiana.

ELEVATORS FOR SALE.

KANSAS—Large country elevator, fine condition, fully equipped, good grain country, for sale; bargain. Lock Box 164, Ft. Scott, Kan.

OHIO'S BEST AND CLEANEST ELEVATOR. One of the best grain points in the state. Will sell at less than cost of replacement today. 25,000 bushel capacity, steam power. One other elevator in town. Will handle around 150,000 bushels annually. Good side line business. Good, modern town, 3000 population. For further particulars write Box 459, Hicksville, Ohio.

ELEVATOR FOR SALE OR RENT.

IOWA cribbed (ironclad) elevator for sale or rent, 16,000 bu. capacity, located at LeMars, on C., St. P., M. & O. with free switching to I. C. Ry. Well equipped; gasoline power. 5,000 bu. corn cribs adjoining. F. A. Post, LeMars, Iowa.

MINNESOTA elevator of 25,000 bushels capacity for sale or rent. Located on C. M. & St. P. Ry. Coal and Feed business in connection. Address J. J. Dobie, Mapleton, Minn. 46A13.

ELEVATOR FOR RENT.

ILLINOIS elevator for rent, located in good grain territory, 20,000 bu. capacity; coal sheds. Needs repairing and lessee can apply cost of repairing on rent. Reasonable rental to right party. Address 47T33, Grain Dealers Journal, Chicago.

ELEVATORS WANTED.

WANTED—You to derive the benefit of our Want Ads. Try them once and be convinced.

WESTERN IOWA elevator wanted for lease. State capacity and rent you wish. Address 47V27, Grain Dealers Journal, Chicago, Ill.

TO EXCHANGE—Equity in improved 80 acre farm in Brown Co., Kansas, for elevator in Northeast Kansas. State price and capacity. Address Box 44, Powhattan, Kansas.

INDIANA—Central or northern, elevator of ten or fifteen thousand bu. capacity wanted to rent with privilege of buying. Address 47V12, Grain Dealers Journal, Chicago, Ill.

TO EXCHANGE—Equity in well-improved 100 acre farm in Wayne Co., Iowa, for good country elevator. State value of elevator and capacity. Address 47V28, Grain Dealers Journal, Chicago, Ill.

WANT TO BUY part interest in an elevator and take over management, or lease with privilege of buying. Must be good location and good town, Ohio preferred. Address 47V14, Grain Dealers Journal, Chicago, Ill.

OHIO OR INDIANA—Have a good 180 acre farm in southwestern Ohio, located on cement road and traction, 10 miles from a city of 175,000 population, to trade for grain elevator in western Ohio or eastern Indiana. Address 47W18, Grain Dealers Journal, Chicago, Ill.

TRADE WANTED OR SALE—Have you something to sell or trade? Let the readers of the Journal know what you have to offer. Now they are unaware of the advantage of dealing with you. The best way to dispose of anything is by advertising.

ELEVATOR BROKERS.

JOHN A. RICE ELMER N. SMITH
Elevator Brokers, Frankfort, Indiana.

WANT TO HEAR from owner having elevator or other business for sale. State cash price and particulars. John J. Black, 57th St., Chippewa Falls, Wisconsin.

CLAYBAUGH-McCOMAS
Offices

Frankfort, Ind. Indianapolis, Ind.
223 B. of T. Bldg. 601 Board of Trade.
If you want to buy, sell or trade an elevator write us at either address.

ALWAYS HAVE ELEVATORS For Sale in the Grain Belt of Illinois and Eastern Indiana. If you are in the market write me fully and will try to satisfy you.

JAMES M. MAGUIRE,
432 Postal Tel. Bldg., Chicago, Ill.

MILLS FOR SALE.

FLOUR AND FEED MILL for sale; electric power. Ilgner, Alhambra Bldg., Milwaukee, Wis.

FARM FOR SALE.

AN EXCELLENT MONTANA FARM in the heart of the oil district, Fergus County, Montana. A good buy in the land alone and an investment that is bound to make you independently rich when development reaches you. I can lease now for drilling next spring. \$30,000 buys all, 480 acres, including farm equipment, tractor and implements. 150 A. ready for spring crop. Never had failure. Land carries \$10,000 mortgage at 6%, 3 years to run. Balance cash. Write-wire E. H. Hanson, Suffolk, Mont.

BUSINESS OPPORTUNITIES.

WILL BUY an interest in good country elevator or small mill if can have management of the business. Address 47W7, Grain Dealers Journal, Chicago, Ill.

PART INTEREST for sale in well established firm engaged in the construction of concrete elevators. For particulars address 47V30, Grain Dealers Journal, Chicago, Ill.

WANT TO HEAR from party who has land to trade for a Central Illinois elevator. Land must be in Illinois, Indiana or Iowa. Answer quick. Will sell for cash if preferred. Address 47W11, Grain Dealers Journal, Chicago, Ill.

INDIANA mill and elevator for sale. A real business chance. Would rather sell one-half interest to live elevator man and let him manage plant. Have other business to look after, reason for selling. Address 47U15, Grain Dealers Journal, Chicago, Ill.

CONTROLLING INTEREST, with sole management, of line house and terminal company, doing good business, with excellent prospects, for sale for only \$31,000.00. Part terms if properly secured. Address 47V5, Grain Dealers Journal, Chicago, Ill.

WHOLE OR PART INTEREST FOR SALE—Feed concern in eastern city of over one hundred thousand people, established many years ago and widely known, enjoying a large local trade; has recently erected a modern, complete feed milling and mixing plant; own railroad siding and milling-in-transit facilities available; in need of capital. Will sell out entirely, part or controlling stock to get larger working capital. Worth investigating. Address 47U1, Grain Dealers Journal, Chicago, Ill.

A WELL ESTABLISHED and good paying mill and warehouse in Los Angeles will sell a 40% interest in its business to a good live grain man for \$20,000.00. Or, will guarantee a good substantial return on his money to a party wishing an opportunity to make an investment without taking an active interest in the business. This is a going concern, making money right now, and is a splendid opportunity for the right man who wants to change his location. For further particulars write P. O. Box 600, Arcade Station, Los Angeles, Cal.

HELP WANTED.

THOROUGHLY EXPERIENCED grain man wanted with large acquaintance in Nebraska, Iowa and South Dakota; to handle joint consignment account. Give references and experience. Address 47W6, Grain Dealers Journal, Chicago, Ill.

SITUATIONS WANTED.

EXPERIENCED grain man wants position as manager of branch office or as solicitor. All references. Address 47W25, Grain Dealers Journal, Chicago, Ill.

MANAGER with 15 years' experience, well known by the grain trade, wants position as manager of Farmers Elevator; age 38; best references. Address L. Box 164, Paxton, Ill.

MANAGER with 20 years' experience wants an up-to-date elevator to run on commission in a good grain and wheat belt. No objection to side lines. Address 47V7, Grain Dealers Journal, Chicago, Ill.

MANAGER with 6 years' experience wants to take full charge of small elevator or as second man in larger elevator; married, 35 years old. Can give good references. Address J. R. Breese, 135 Canal st., Michigan City, Ind.

EXPERIENCED OFFICE EXECUTIVE and accountant considering making change. Married. University education. Now connected with grain, feed and flour business. Address 47W16, Grain Dealers Journal, Chicago.

SITUATION WANTED: A man who has enough push to advertise his services in a high class trade journal is the kind you want. Look 'em over. You will find a competent manager, a reliable grain buyer, or a qualified and efficient traveling solicitor.

HIGH CALIBER track buyer and salesman with 15 years' experience in all phases of the grain and feed business is open for connection. Wide acquaintance in eastern and southern states and in Ohio. References. Address 47W19, Grain Dealers Journal, Chicago, Ill.

ELEVATOR MANAGER wants position by the first of the year; 10 years' experience in grain business, also general merchandise and banking experience; expert accountant. Have clean record and can give good reasons for desiring a change. Address 47V17, Grain Dealers Journal, Chicago, Ill.

WANTED BY NOV. 15th—Position by highly efficient grain buyer and salesman, 20 years' experience. Familiar with all grain markets South and East. Prefer Ohio, Indiana, Pennsylvania, Michigan. Can qualify and take complete charge of sales and buying department. Address 47V20, Grain Dealers Journal, Chicago.

OFFICE APPLIANCES.

SAFES—Large stock of new and used safes on hand. Protect your valuable papers. Prices reasonable. The Howe Scale Co. of Ill., 512-514 St. Charles St., St. Louis, Mo.

BAGS—BAGGING—BURLAP.

BURLAP BAGS OF EVERY KIND FOR SALE; new or second-hand, plain or printed with your brand; seamless Cotton Grain Bags; Sample Bags; Burlap, Cotton Sheeting or Paper for Car Lining, etc. Wanted: Second-hand bags, best prices paid.
WM. ROSS & CO., 409 N. Peoria St., Chicago.

FLOUR FOR SALE.

MIXED CARS of flour and mill feeds in 100 pound sacks are our specialties. We are now manufacturing a full line of corn goods, cracked corn, feed meal, corn and oats chop, Ohio Farm feed, shelled corn and standard oats in connection with our flouring mill. Would like to send you a trial to convince you of the superiority of our products. Ansted & Burk Co., Springfield, Ohio.

MACHINES FOR SALE.

GREAT WESTERN ROLLER MILL; 2 pair high, 9x18, for sale at a bargain. Farmers Mill & Grain Co., El Reno, Okla.

BAG CLOSING MACHINE for sale at an attractive price. Address 47W20, Grain Dealers Journal, Chicago, Ill.

NO. 5 MONITOR OAT CLIPPER for sale at a bargain price; in good mechanical condition. Tremont Grain Company, Tremont, Ill.

BOSS CAR LOADERS for sale; several No. 8; good as new; complete, ready to install. Address A. H. Richner, Crawfordsville, Ind.

SCIENTIFIC FEED GRINDER for sale; No. 30, new; 20 to 30 bushels capacity; \$30.00 f. o. b. Sidney. Address J. G. Troester, 518 Brooklyn ave., Sidney, Ohio.

DURABLE WIRE ROPE for sale, for car shovels; cast or plow steel. Manila rope, buckets and everything in elevator supplies.
PULLEYS—1,000—for sale. ALL sizes, solid cast iron, wood and steel split. Standard Mill Supply Co., Kansas City, Mo.

1 Boss Car Loader, in good condition.
1 Hoppes Water Heater, nearly new.
1 Water Supply Tank, in good condition.
800 ft. 1 1/4 inch Manila Transmission Rope, slightly used.
Have installed electric equipment.
The Fletcher Grain & Supply Co., Fletcher, O.

BOWSHER GRINDERS
FOR SALE CHEAP.

One No. 7.....	\$40.00
One No. 8.....	50.00
One No. 9.....	60.00
One No. 10.....	70.00

All in good order with new grinding plates.
CRABBS REYNOLDS TAYLOR CO.,
Crawfordsville, Indiana.

REAL BARGAINS.

Prompt Attention. Quick Shipments.
When in need of elevator or mill machinery, notify us. We are headquarters for power and transmission equipment, and have on hand several well-known makes of motors, boilers, engines, etc.

Send us list of all your wants. We can supply you with full line of machinery for elevators, flour, corn and cereal mills. Complete equipments for modern mills of all kinds, molasses, stock, and poultry feed plants, plans, specifications, flow sheets, etc., our specialty.

Write us without delay.

Geo. J. Noth, Mgr.,

9 S. Clinton St. Chicago, Ill.

MACHINES WANTED.

BLEACHER or sulphuring plant wanted. Must be in first class condition. State capacity, how long used, price, manufacturer's name and full particulars. Address 47V23, Grain Dealers Journal, Chicago, Ill.

ATTRITION MILL wanted; late model 24", Sprout Waldron preferred, equipped with two 20 h.p. motors. One 24" ballbearing belt driven Attrition Mill. Must be in good condition and price low for cash. Meech & Stoddard, Inc., Middletown, Conn.

STEAM ENGINE FOR SALE.

BARGAIN FOR QUICK SALE.

One 65 h.p. Center Crank Steam Engine with 80 h.p. High Pressure Boiler (new). Also Double Cylinder Snow Pump and all pipe connections, in first class condition. Write Farmers Union Co-op. Ass'n, Maple Hill, Kansas.

OIL AND GAS ENGINES.

JOHN LAUSON kerosene engines for sale; one 40 h.p. and one 22 h.p.; in A1 condition. Must move these quickly. Write for detailed description and prices. F. M. Trumbull, 512 N. First St., Rockford, Ill.

WHAT WILL YOU PAY for a 20 h.p. St. Marys gasoline engine, in good running order, in use every day? We will sell it to the highest bidder on November 15th. Send in your check for what you can pay for it. If someone else does not bid more, you get it. All other checks will be returned on above date.

Gordon Grain Co.

Summitville,

Indiana.

BARGAIN SALE ON SHELF-WORN BOOKS.

These books are slightly soiled and shelf worn. To clear out these books promptly we are offering them at greatly reduced prices.

One Clark's Grain Tables, for wagon loads, reduces pounds to bushels from 100 to 4090 lbs. at the following weights per bu.: 32, 33, 35, 45, 48, 50, 56, 60, 70, 72, 75 and 80. All the tables are contained in one book. Order Form 8032 S. W. Price 40 cents.

One Gold Bricks of Speculation, a book of 498 pages well bound, but slightly soiled from being used as sample. It is a study of speculation and its counterfeits, and an expose of the methods of bucketshop and "get-rich-quick" swindles. Order Gold Brick S. W. Price \$1.00.

Two No. 97-5, C. N. D. Quotation Books, for recording the hourly quotations of the market. Has spaces on each page for a week's prices on wheat, corn, oats, rye and barley. 60 pages to book, over a year's supply. Soiled from being used as sample. Order Form 97-55. Price 70 cents.

One Grain Shipper and the Law, a book of decisions of the State, Supreme and Federal Courts, covering shipper's contracts and his relations with the carrier. Soiled from being used as sample. Order Form Grain Shipper S. W. Price \$1.00.

One No. 89SWC, Shippers Certificate of Weight. This form is to be filled in by shipper and certifies that he loaded the car with whatever weight he put into it. On back of each certificate is space for recording the weight of each draught. 75 blanks in duplicate in book, with three sheets of carbon. Book is slightly worn. Order Form 89SWC. Price 70 cents.

GRAIN DEALERS JOURNAL.
309 South La Salle St., Chicago, Ill.

SCALES FOR SALE.

SONANDER Automatic Grain Shipping Scale; new; never been uncrated; capacity 750 bu. per hour. Price \$300.00. Address Harvey & Moffitt, East Liberty, Ohio.

FAIRBANKS AUTOMATIC SCALE for sale. We purchased this scale 4 years ago and never uncrated same, and it now is for sale at a bargain. There is a railroad track scale here and we can use the track scale. Farmer's Grain, Fuel & Supply Co., Macomb, Ill.

AN ILLINOIS elevator company running a 3 line ad in one issue says: "We had 25 applications from that ad. Thank you."

ENGINES WANTED.

CRUDE OIL ENGINE wanted; second-hand, 85 to 100 h.p.; Fairbanks-Morse or Buckeye make preferred. Must be in good condition. Chatterton & Son, Lansing, Michigan.

SEEDS FOR SALE—WANTED

SEED BUYERS AND SELLERS can quickly sell any quantity or buy any amount or quality by making their wants known through the "Seeds Wanted—For Sale" columns of the Grain Dealers Journal, Chicago, Ill.



THE WORLD'S LARGEST ELEVATORS USE THIS BRUSH

For sweeping grain cars and elevators, the STAR BRUSH has no equal. Made of stiff selected fibre, 5 inches long. Guaranteed to outwear four or five corn brooms and do cleaner and faster work. Built on hardwood block 14 inches wide and flared to an 18-inch sweep. Largest elevators in Minneapolis, Duluth, Port Arthur and Ft. William now use this brush exclusively.

Order a dozen today. If within sixty days you do not find them entirely satisfactory, send them back. We'll pay the transportation charges both ways.

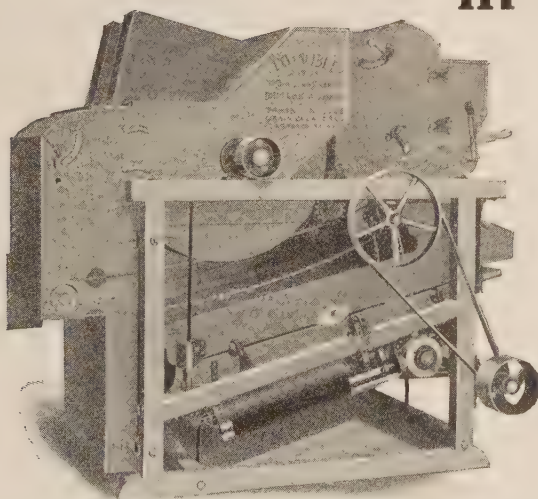
Price \$16.00 per dozen, F. O. B. Minneapolis

Flour City Brush Company

422-424 South Fourth Street

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THE BEST IS CHEAPEST in the long run



The Invincible Compound Shake Double Receiving Separator

Since 1896

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THE INVINCIBLE GRAIN CLEANER COMPANY

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Bert Eesley, P. O. Box 363, Freemont, Ohio.
H. C. Purvine, 111 East 5th St., Bristol, Tenn.
C. L. Hogle, 30 S. Arlington St., Indianapolis, Ind.
C. Wilkinson, 6027 Chestnut St., Philadelphia, Pa.
F. H. Morley, 619 Webster Bldg., 327 S. La Salle St., Chicago, Ill.

Since 1893
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COLUMBIA MOTOR TRUCK SCALES Are the BEST—"SAVE REPAIR BILLS"

Because they are easy to build, simple in construction, well made and retain their accuracy longer than any scale on the market. COLUMBIA SCALES are being used by practically every feed, coal, ice and material dealer in Chicago. THERE MUST BE A GOOD REASON.

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Save money and send for list of our guaranteed rebuilt scales. All makes and capacities. Tell us what you want. Let us repair your scales—any make. We also carry parts. Finest equipment for scale work in Chicago.

Helpful Books FOR Carlot Grain Handlers

Clark's Fractional Values: This table is on heavy cardboard. Size 9½x11 inches, showing the value of any quantity from 1 to 50,000 bushels, at ¼, ½, ¾, 1, 1½, 2, 3, 4 and 5 cents. The amount of bushels is shown in red and the value in black. They are the most conveniently arranged tables for showing fractional values of bushels. Price 25 cents.

Clark's Freight Tables: Show the freight rate per bushel from a given rate per hundred pounds, when the rate is from 2 to 50½ cents per hundred pounds, by one-half cent rises. The table is printed in two colors on heavy bristol board, size 7x9 inches, and may be used for determining the freight per bushel of 60, 56, 48 and 32 pounds. Price 25 cents.

Triplicating Confirmation Blanks will enable you to avoid disputes, differences and prevent expensive errors. Space is provided on our Confirmation Blanks for recording all essential conditions of each trade. You retain tissue copy, sign and send original and duplicate to customer. He signs both and returns one. Fifty confirmations in triplicate, bound in press-board with two sheets of carbon, size 5½x8 inches, 90 cents. Order Form No. 6CB.

Baugh's Grain Export Calculation Tables is a new book published to overcome the inadequacy of existing tables in these days of wide fluctuations in commodity prices and exchange rates. Book is arranged by commodities, wheat, corn, oats, rye, barley, peas and oil cake, each section covering all the countries involved. Book is well printed on ledger paper, having 104 pages, bound in flexible leather. Price \$15.00.

Use Universal Grain Code and Reduce Your Telegraph Costs.

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305 So. LaSalle St., Chicago, Ill.

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Sweet Clover, Alfalfa,
Soudan Grass, Millet, Rape.
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Do You Wish
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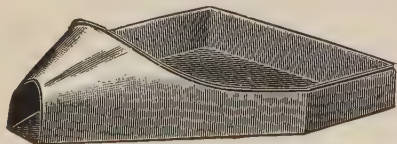
TOLEDO, OHIO.

Churchill Grain & Seed Co., field seed, pop corn.
Flower Co., The S. W., seed merchants.
Hirsch, Henry, wholesale field seed.
Toledo Field Seed Co., The, clover, timothy.

HAY WANTED.



SEED SAMPLE PANS



Made of sheet aluminum, formed by bending, reinforced around top edge with copper wire. Strong, light and durable. The dull, non-reflecting surface of the metal, which will not rust or tarnish, assists the user to judge of the color and detect impurities.

Seed Size, 1½x9x11". Price \$1.60

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GRAIN DEALERS JOURNAL

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Wholesale Seed Merchants
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CORRESPONDENCE INVITED

Council Bluffs Seed Co.
SEED CORN--NOTHING ELSE
Standard Iowa and Nebraska
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SEEDS

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WHOLESALE FIELD SEEDS
CLOVER—ALSIKE—TIMOTHY—ALFALFA
Our Specialty
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We are now prepared to accept orders for both
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Buyers and Sellers of Timothy, Red Clover,
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INCORPORATED
LOUISVILLE, KY.
Headquarters for
RED TOP AND ORCHARD GRASS
BUYERS AND SELLERS
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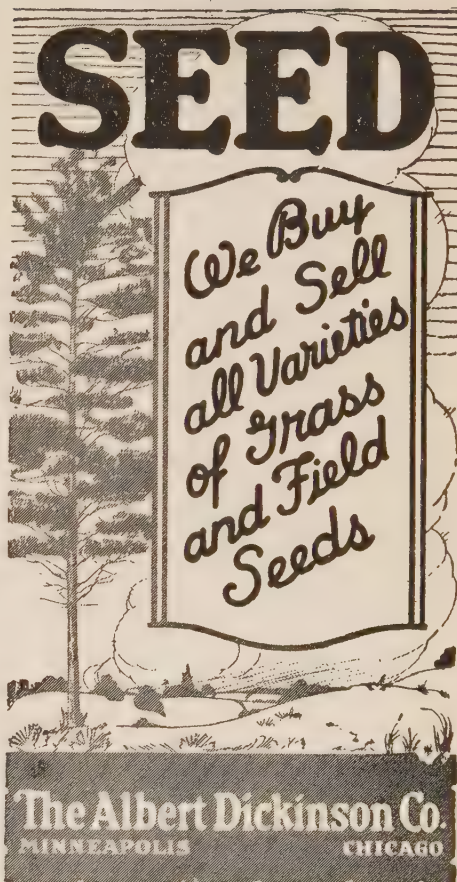
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We are in the market for Red Clover. We can use seed
mixed with Buckhorn. Mail samples with lowest prices.
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CLOVER AND TIMOTHY SEED—GRAIN

The Toledo Field Seed Co.
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Consignments solicited Send us your samples
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RED CLOVER, TIMOTHY
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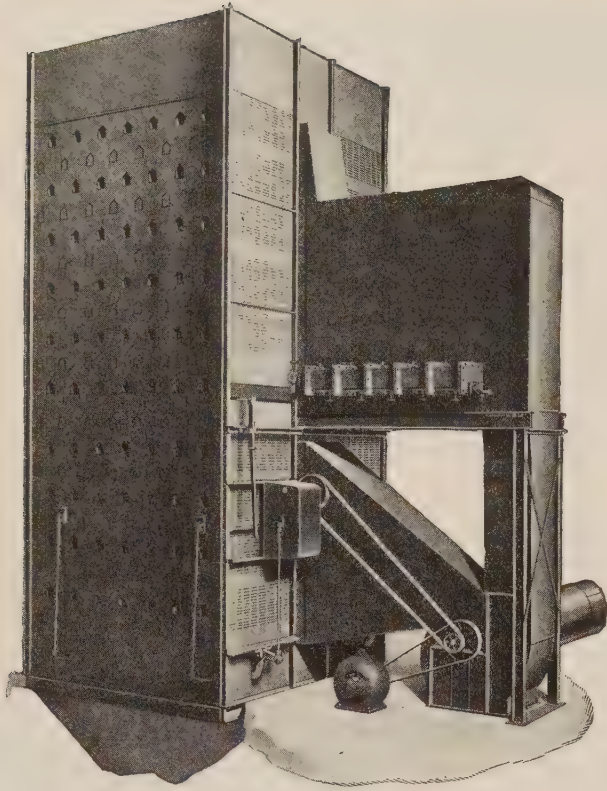


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The Last Word in Grain Drying

It comes to you in the Morris Drier.

Here is a machine that overcomes every objection which heretofore has been found in grain drying machinery.

It is entirely automatic in operation, the temperature is under perfect control, the grain can be sampled any time and at any stage of the drying process and through its positive flow, every kernel is turned over and over and fully exposed to the warm air on all sides.

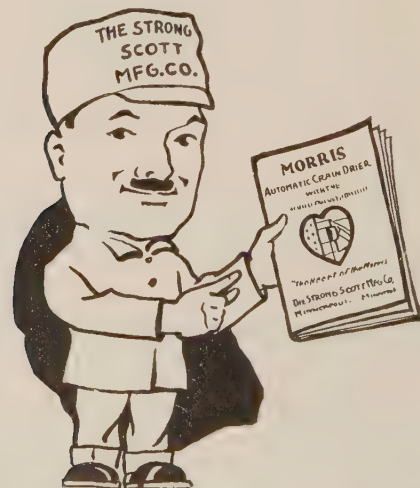
Bear in mind that the **Morris Automatic** is a different type of drier from the Morris machine previously made by us. There are exclusive patents which are featured on this new drier that cannot be found on any other machine.

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MORRIS GRAIN DRIER

GRAIN DEALERS JOURNAL

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Published on the 10th and 25th of each month in the interests of better business methods and improved handling facilities for progressive wholesale dealers in grain and field seeds.

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THE ADVERTISING value of the Grain Dealers Journal as a medium for reaching progressive grain dealers and elevator men is unquestioned. The character and number of advertisements in each number tell of its worth. If you would be classed with the leading firms catering to the wholesale grain trade, place your announcements in the Journal.

Advertisements of meritorious grain elevator machinery and supplies and of responsible firms who seek to serve grain dealers are solicited. We will not knowingly permit our pages to be used by irresponsible firms for advertising a fake or a swindle.

LETTERS on subjects of interest to those engaged in the grain trade, news items, reports on crops, grain movement, new grain firms, new grain elevators, contemplated improvements, grain receipts, shipments, and cars leaking grain in transit, are always welcome. Let us hear from you.

QUERIES for grain trade information not found in the Journal are invited. Address "Asked-Answered" department. The service is free.

CHICAGO, NOVEMBER 10, 1921

WHO is controlling the currency of the nation? The Federal Reserve Bank persists in deflating while the War Finance Board continues to inflate.

CORN stored in open cribs invariably deteriorates enough to earn a heavy discount, and discounts alone will induce growers to protect their corn from the elements.

NEW freight rates, suggestions for reductions, suspensions, and a host of other terms relating to transportation charges continue to present themselves for attention; but the freight bills do not refrain from digging deeply into net proceeds. And in the end it is the freight bill that counts, not the talk.

IF SPECULATION in grain is such a repulsive practice in the eyes of the politicians, why should they be so eager to authorize the War Finance Board to lend money to farmers in order that they may hold grain for higher prices. The transaction may increase the grower's loss, then he, too, will regret that he speculated. Does the War Finance Board know the grain markets will advance?

WHEN unable to load car to within 80 per cent of marked capacity with oats, ear corn, snapped corn, and unthreshed kafir or milo, notations should be made on B/L specifying that grain was loaded to within 24 inches of roof, or loaded to proper grain line, or to full space capacity, as under the Western Trunk Line tariff circular effective Dec. 1 the shipper will otherwise not be protected, and will be forced to present proof of full loading.

THE REPEAL of the tax on freight charges, which is prospective with the new year, will be welcomed by grain shippers in all parts of the land, but will not reduce their need for lower freight rates.

THE BOLSHEVIKI who drew up and had passed the Future Trading Act were not of a mentality to attract the assistance of the intelligentsia who alone could have drafted a bill that would have stood the test of the Constitution.

FARM RESERVES of corn are so heavy, as reported by the Government yesterday, more than three times the 5 year average, that this is a condition that must be reckoned with. It would seem wise to sell the future as a hedge against all holdings of cash corn.

WEEVILS infest so much of the wheat country buyers will need to exercise greater caution in making their purchases from farmers to determine whether the bugs are in the grain. If he fails he may get "Sample" on some shipments that he thought to be perfect No. 1 when he bought it. For greater safety it will be well to give every elevator a thoro cleaning each week and keep it clean.

TOO MUCH "pure seed" legislation may lead to a condition when no "seed" will be offered for sale. If the burden becomes too great dealers may find it necessary to quit the business altogether or to sell their stocks without any representation as to their quality, variety, or any other attributes. There would then be no implied statement that "this is seed corn and this clover," but "this is whatever it is, you buy it as is, and that's all."

THE RAILROAD labor board functions too slowly to meet the constantly changing conditions in trade and transportation. The centralization of decisions covering the whole country before one board has piled up an immense amount of work. If the board were abolished all this work would be divided up between the managements of more than one hundred railroads and decisions arrived at in days where the federal board requires months while shippers and farmers are penalized in high freight rates. Shippers would be much better off if the board were abolished and the law repealed. Get Government out of the railroad business.

SPECULATORS are discouraged at the lack of co-operation from farmers. After May wheat had sold down close to \$1.07 recently the grain was bought heavily by professional grain speculators. This stemmed the tide for several days but the country kept on selling more than enough to satisfy the domestic and foreign demand and early this month the speculators sold out. Practically all of them took a loss. Some ill-natured wheat growers may chortle with glee that the speculators have lost money, but if grains sell at very low prices in the near future it will be due to the absence of speculators from the market. The government's figures of Oct. 17 show mills and elevators to hold 17.3 per cent more wheat than a year ago while the farmers held 28.9 per cent less than a year ago. If prices are low the farmers can thank themselves, as they are the bears on the market.

BLUE CORN is making many of the Ohio grain dealers so blueyblue they have resolved to warn the farmers against bringing any more of it to market.

MOLDY CORN is sure to make a world of trouble for shippers who do not insist on all the defective ears being sorted out before the corn is shelled. While corn is cheap, still it is not so cheap that hand picking will not prove profitable.

PITY the poor grain speculator, the exporter and the foreign importer as well as the shipper, for they have all been nipped by the declining prices, and the few who escaped with a whole skin were so scared they are not saying anything about it.

TENANTS are leaving the farms in such large numbers that it behooves the country grain buyers to guard more carefully against buying grain from tenants who have no right to sell. It is a very unpleasant experience to be called upon to pay the amount of a chattel mortgage or a landlord's lien on grain you have already paid for. When in doubt about the tenant having clear title to the grain, check can be issue to him jointly with the landlord or holder of the chattel mortgage. Then buyer is relieved of the necessity of deciding the share due each.

RYE standards are now in prospect for the not far distant future. Standards for the sorghum grains are already in use in several markets with every likelihood that grades will be adopted officially in a year or so. Thus, gradually, the dreams of some twenty years ago are crystallizing into standards that are identical in all markets and eventually it will come to pass that inspection as well as standards will be as nearly uniform as it is possible for anything to be that must rely upon human judgment for application and interpretation.

SINCE we substituted government by buros, boards, commissions and similar contrivances for government by the method laid down in our Constitution we have been getting deeper and deeper into the mire of inefficiency. The only way to get out of the mire is to do away with the agencies that put us there and return to the methods that long ago proved themselves effectual in service, the Constitutional methods in which hard work and individual initiative are recognized as being infinitely more powerful than scattered irresponsibility.

THE SETTLEMENT of the railroad strike settled nothing. The spectacle of a member of the august Labor Board rushing to make (mis) representations to the union chiefs in secret session is edifying. If the Board told the brotherhood chiefs they would consider no wage reductions for a period of nine months the Board exceeded its duty to the public; and if the union chairmen called off the strike on any such false promise they sold out the trainmen. If it is true that the Labor Board has decided that there must be no reductions in freight rates for nine months the U. S. Labor Board should be abolished in the interest of producers, consumers, investors in railroad stocks, and the public.

SPARKS from passing locomotives are hot, just as such sparks always were, and the hot spark of today can fire a shingle roof as expeditiously and efficiently as its predecessor of ten years ago. As sparks give no promise of disappearing from the list of fire causes it is but the part of wisdom to dispense with the wood shingle roof. Try it as a remedy for that "fraid of fire feeling."

GOOD ROADS should help to make the country elevator accessible to farmers throughout the year and encourage the holding of grain until markets are more attractive. The grain elevator operator would be very thankful if the grain crops were marketed gradually, because he would then be relieved of the great rush just after harvest and given more occupation for his spare time during the dull months of the winter. The U. S. Senate has passed a bill providing for the appropriation of \$75,000,000 for the building of roads in states that will give adequate assurance that they will be maintained after construction. That should be easy.

ELECTRIC CURRENT is one manifestation of the energy of heat. It owes its usefulness to that fact alone, but heat in the form of electricity has all the characteristics possessed by heat in any other form—if it is not properly handled and safeguarded it will set fire to any inflammable objects which come in contact with it. That is why mutual insurance companies specializing in the elevator field have drawn up a code of rules governing electrical installators, and one of the penalties for failure to observe that code is *fire*, as elevator operators have frequently learned to their sorrow and loss. It's cheaper in the end to install right.

IN ONE COUNTY in Ohio there is a farm buro that has learned more about the grain business in two years than all grain dealers combined have learned in a lifetime, according to a dealer from that county who attended the recent meeting of the Ohio Grain Dealers Ass'n at Columbus. There may be some sarcasm in the statement, but it reflects correctly the attitude of the farm buros everywhere. And of course it will not be much more difficult to learn all there is to be known about the livestock business, hardware, banking and all the other activities of life. Those things can be mastered in three years, easily by the average farm buro agent.

WAREHOUSING of corn on a large scale is contemplated according to the veracious press agent of the War Finance Corporation. "It has been approved by the sec'y of the treasury and the sec'y of agriculture." The announcement goes on to state that crop failures may be expected and that the storage of the present surplus would be sound policy. How about the poor consumer? Is he to be forced to pay an artificially high price by reason of a government and producer monopoly? Why not lend the consumer the money to pay the farmer the higher prices? If the government is to set aside the laws of economics and competition in favor of one class of citizens, why not the same privileges to other classes?

OLD KING COLD may not qualify as a merry old soul, but he takes keen delight in bursting the water jacket of the engine that somebody forgot to drain. Next to that bit of fun, he finds his greatest pleasure in congealing the liquid in the fire barrels when the absence of calcium chloride permits him to enter. Make way for the King!

Another Grain Dust Explosion

Another explosion of grain dust in a terminal elevator, which is illustrated elsewhere in this number, serves to emphasize the fact that sufficient precautions are not being exercised to prevent the recurrence of these dangerous explosions. The two explosions last month and the one in July strengthened the hope that elevator superintendents are trying to keep their elevators clean; still there must be more improvement or explosions will continue to occur.

The general conviction among builders is that bins must henceforth be closed and kept closed, so as to keep the dust in the grain and prevent its being scattered all over the house. Then, too, more extensive facilities must be provided in every large handling house to collect and remove all dust at every point where it arises from the grain, and in addition every compartment of the elevator must be more thoroughly ventilated than ever before to assist in the removal of dust-laden air.

By minimizing the number of ledges and projections and substituting smooth walls it should be a much easier matter to clean an elevator and keep it clean, so that even though the plant be visited by a minor explosion of grain dust the second and destructive explosion will never occur.

Extensive experiments are now being conducted with vacuum cleaning equipment in the hope of supplementing existing dust collecting apparatus for the removal of dust from walls, ceilings and floors. It is to be hoped that all grain elevator operators having knowledge of dust explosions will give us a complete statement of the facts for publication, to the end that they may assist elevator engineers in designing houses that will be less likely to blow up.

Unfair Policy of M. & St. L. Claim Department.

Shippers expect to be bluffed occasionally by clerks in the claim departments of the carriers, but when claims for delay are declined repeatedly with the stereotyped note "claim is declined account not filed within the six months' period in accordance with provisions of Uniform B/L," it is evidence of a fixed policy on the part of the management to ignore the just rights of shippers.

The legal advisers of the claim departments know perfectly well that on claims for delay when there is deterioration and evident negligence the six months' limit does not apply. The shipper has two years and a day or the statutory time for filing, or suit, on such delay claims. Two or three trunk line railroads are guilty of this sharp practice and the chief offender seems to be the M. & St. L. Railroad Co. That particular railroad has been a laggard too many times in meeting its just obligations to shippers.

Of course, shippers can start suit on each claim so unjustly rejected; but the proper

course is to ship nothing over a line that will not make good losses on such shipments. If unfortunately situated on that line route the traffic off the M. & St. L. at the first available point. Give it the short haul and the railroad that is fair the long and profitable haul. Follow this up by filing the claim with the road making the delivery so that the claim will be handled on its merits. The delivering carrier can pay the claim and have recourse against the M. & St. L.

One elevator company in Iowa has had several claims rejected and has started suit against the M. & St. L., and a number of other shippers contemplate starting suit, so there is a fair prospect that the M. & St. L. legal department will have its time fully occupied by its attempts to beat shippers out of their dues.

Several other roads are giving the shipper a fair deal on claims, among them the Rock Island and Santa Fe. Why not the M. & St. L.?

Help the Producer.

The long continued depression in the grain market, which is the direct result of the reduced buying power of Europe and high transportation charges, has proved most disastrous to grain dealers throughout the world, but not less discouraging to the American producers.

The tenants of many sections, after paying their rent, have nothing left to support their families and they as well as many farm owners are being closed out by the sheriff, because the low prices prevailing for their products give not enough return to pay their debts. They will be forced to go to work where higher wages are paid, notably on the railroads and in the cities.

This complete annihilation of the farmer's buying power will also greatly reduce the demand for city-made goods and railroad help to transport them. It is up to the grain dealers of the land to help their farmer patrons in every way possible to obtain better prices for their products. One Nebraska elevator operator who is reported to have been unusually fortunate in handling the wheat of his section sent word to every farmer who had sold him wheat that for the balance of this year he would "market corn for their account without charge or hope of profit."

If the grain producers are to remain in the business they must be given some assurance of pecuniary reward for their labors. Anything done by the grain dealers of the land in the interest of lower transportation charges (which can only be secured through the medium of lower wages for railroad employes) will be in the direct interest of his own business as well as in the interest of his patrons. The grain dealers must get behind the movement for lower freight rates—think it, talk it and write it at every opportunity. Europe's buying power is so diminished by the high rates of exchange that we cannot hope to sell near as much grain as is needed by the hungry hordes of devastated empires.

The farmer has needlessly wasted so much money in the purchase of "blue sky" during the last few years that the present low prices combined with his large indebtedness completely envelope him in despair; so any sympathy, advice or word of encouragement from the local grain dealer is sure to be accepted with better grace than for many years past.

Promote Exports of Grain.

An erroneous impression seems to prevail in the minds of our statesmen and even of our bankers that the enormous debts due the government and citizens of the United States by foreign states can only be discharged by the shipment of gold or commodities to this country.

On the contrary, it is not all necessary or desirable that foreign countries load us up with gold and merchandise. The American capital and credit now in foreign lands should be permitted to remain there for profitable employment in production. The profits, even, of such production need not be shipped to the United States, but citizens of the United States enjoying such profits will be subject to income tax and should be protected by our government in their foreign investments.

When the United States government guarantees the safety of American life and property in foreign lands by aiding in the collection of our dues the whole problem of depreciated foreign exchange will solve itself and heavy exports of American surplus products again become possible.

Of all things capital and credit are most fluid. They flow first to countries in which they are safe from confiscation and next to lands where their employment is most profitable. If at the coming conference on limitation of armaments there could be evolved a guaranty of our foreign investments there would follow a tremendous expansion of international trade.

Shippers Entitled to Extra Pay for Additional Hazards.

Loading cars so full that samplers can not draw grain from all parts of the car and determine the fair average quality of the car's contents often makes unnecessary trouble for both the shipper and the buyer. This is especially true where the sales contract or the rules controlling it permit the car to be forwarded without unloading. Rules which unexpectedly force a shipper to guarantee the quality of his grain to an unknown destination or for an indefinite period are unfair. The careful track seller will insist upon weights and grades of first destination controlling the sale, then the car will be transferred and the weight and grade of its contents accurately determined. After such determination the buyer will make no effort to hold the seller for loss in weight or deterioration in quality occurring beyond the first destination.

The assumption of the responsibility of ownership and its liability for loss in weight or deterioration in quality for the indefinite period carrier chooses to take to transport car to second destination is worth much more than the cost of transferring at the first destination. Shippers who are willing to guarantee their weights and grades indefinitely should consider the period reconsigned grain is likely to be in transit and the facilities for grading and weighing at second destination, then charge enough extra to cover fully the additional risks assumed.

No shipper can afford to assume additional risks without extra compensation and he can generally get a higher price by shipping direct to the second destination selected by the buyer,

so he has no excuse for accepting the lower price prevailing at first destination while assuming the shipping hazards of getting the grain to the second destination. Think it over and word your contracts more cautiously.

Building a New Elevator.

The collapse of the reinforced concrete grain tanks at Condon, Ore., profusely illustrated in the Journal for Oct. 25th is followed by the collapse of the studded elevator at Collyer, Kan., illustrated in this number. In our Nebraska news items this number is reported the attempt of a new concrete elevator to imitate the Leaning Tower of Pisa and a couple tile elevators which leak. Many construction failures have been called to the attention of the trade in recent numbers of the Journal and no doubt many others will be noted in future numbers, as grain dealers seem to be averse to a close inspection of the plans and specifications before letting the contract or to the construction of the elevator as the work proceeds. The grain dealer generally is on the ground every business day during construction while the contractor, as a rule, is many miles away. The superintendent of construction may intend to give the grain dealer exactly what the plans and specifications call for, but he has only one pair of eyes, while his dull assistants have many pairs of hands and much perversity.

It is certainly the plain duty of everyone concerned to study more earnestly the grain elevator failures in hope of learning the causes to the end that greater precautions can be taken against the recurrence of the many blunders of design and the defects of construction.

Most of the failures are traceable direct to inexperience and inefficiency, the parsimony of the owners permitting them to entrust the designing and construction of their new elevators to an unheard of farm silo or barn builder, who is willing to undertake the job at a price much below any tendered by elevator builders of known ability. The experiment seldom results satisfactorily for either party, and the grain dealers business is encumbered with an inconvenient house that is expensive to operate until it collapses or is burned. He may have saved a few dollars in the contract price, but he generally pays out many extra dollars before the elevator is ready to receive grain while his bills for repairs and alterations are staggering. The only way to build a modern up-to-date grain handling plant is first to study carefully the present and future needs of your business then consult a builder who specializes in grain elevators and together you may design a house which will be a permanent credit to both and a joy to the operators. Grain dealers letting a contract for a new elevator too often ignore what they are to get and consider only what they are to pay. Most of them would be many dollars ahead if they would simply reverse their practice. If the grain dealer does not have a clear conception of what he needs and wants how can he expect the builder to design it? And surely if the builder does not understand what is wanted he can not lay out his plans or write up his specifications to the satisfaction of anyone. If it is difficult for the superintendent of construction to determine exactly what is wanted the dealer has little chance of getting what he needs or what will please him.

The extreme delight with which some grain dealers survey the ruins of their failures would lead one to expect them to let the next contract with greater care, but habit keeps their eyes fixed on what they are going to give, so they do not see what they are to get. If you start with a willingness to accept a collapsible elevator so notify a builder of experience and he may save you money over the farm silo builder.

Trying Out Illinois Affidavit Law on Shipments in Other States.

In Illinois there is a statute making it possible to secure judgment for shortage between the loading and unloading weights in suits on grain shortage claims by proper legal procedure at a comparatively small cost to the shipper or receiver in court costs.

Acting under this law Attorneys Owen L. Coon and A. W. Jamieson, representing Strome & Johnson of Warsaw, O., got judgment against the Pennsylvania Railroad Co., on evidence as to weight and price.

The Pennsylvania Railroad Co., acting under its time-honored custom, appealed the decision, alleging that the Illinois affidavit law does not apply to shipments entirely outside of the state of Illinois.

Arbitration Proceedings Sustained by Court.

The Supreme Court of Ohio on Nov. 1 denied the Paddock-Hodge Co. the injunction sought to restrain the directors of the Grain Dealers National Ass'n from expelling the company for refusal to pay an arbitration award.

The courts have always sustained arbitration, and this decision, while pleasing to association workers, establishes no new precedent. The law is so well settled in favor of arbitration that the Supreme Court refused even to review the decision of the lower court. All that the Paddock-Hodge Co. gained was delay, and perhaps delay was all that the company hoped to gain.

Exchanges Meet to Consider Effect of Law.

Representatives of several grain exchanges of the United States met in Chicago Oct. 26 to consider plans for complying with the provisions of the Capper-Tincher Law, which becomes effective Dec. 24.

The grain exchanges represented at the meeting were the Minneapolis Chamber of Commerce; Duluth Board of Trade; Milwaukee Chamber of Commerce; Omaha Grain Exchange; Toledo Produce Exchange; St. Louis Merchants Exchange; Kansas City Board of Trade and Chicago Board of Trade.

In view of the suit started before Judge Landis Nov. 7 to test the constitutionality of the Capper-Tincher Law it may never become necessary for the exchanges to make further provisions for complying with the law.

Leaking in Transit

Grain dealers can help brother sufferers in the collection of claims for loss by reporting to Grain Dealers Journal, for free publication, car initials, number, place, date and condition of car seen leaking grain in transit.

Recently we have received reports of the following leaking or bad order cars:

C. B. & Q. 120043 was leaking wheat at door post Nov. 11 at Holdrege, Neb.—Holdrege Equity Exchange.

C. B. & Q. 105898 was at Holdrege, Neb., Nov. 7, leaking wheat at door post.—Holdrege Equity Exchange.

C. B. & Q. 114130 was set out at Eckley, Colo., Oct. 16 leaking wheat badly at center pin in east end of car.—E. F. Pouliquot, mgr. O. M. Kellogg Grain Co.

C. I. & W. 17015 passed thru Barnard, Ind., in east bound train, Oct. 14, leaking corn badly thru floor at end.—H. L. Wall, foreman, Busenbark Grain Co., Roachdale, Ind.

M. C. 49353 came off the M. & St. L. transfer to the C. & N. W. at Luverne, Ia., Oct. 14, leaking mixed corn at door. No seals on car. Door post seemed to be broken. Repaired as best I could while train was here.—Wm. Bigings, agt. Kunz Grain Co.

Asked— Answered

[Readers who fail to find information desired on any subject of interest to grain dealers should send us their query for free publication here. The experience of your brother dealers is worth consulting. Replies to queries are solicited.]

Price of Chlorobenzene?

Grain Dealers Journal: In the Journal of Aug. 10, page 199, we note a chemical for killing weevil that has many advantages, and would like to know where it can be purchased, and the price.—S. F. Willits, superintendent Texas Star Mills, Galveston, Tex.

Ans.: One manufacturer of paradichlorobenzene has been located, the Semet-Solvay Co., Syracuse, N. Y., who makes this as a by-product of a dye intermediate, to the extent of 150 tons monthly and is in a position to supply any quantity at the following prices f. o. b. works: Barrels of 275 to 300 lbs. net, at 13c per lb.; kegs of 70 to 75 lbs., at 15c per lb.; cartons of 7 lbs. at 18c, and cartons of 2 lbs. at 20c per lb. This chemical is a crystalline substance which gives off a vapor deadly to the insects but not explosive or harmful to human beings. Its sole drawback is that it is not effective at temperatures below 74 degrees Fahrenheit.

Forwarding to Interior Without Seller's Consent.

Grain Dealers Journal: About a month ago we sold a carload of wheat to a firm at Lincoln, Neb., the contract being "basis Omaha," with a clause, "This contract is subject to rules and regulations governing market on which its terms are based."

The car was too full for inspection and the door sample was inspected as No. 3 yellow hard, which we had contracted to sell.

Buyer, however, forwarded this car to St. Louis where it was graded hot and weevily, docked 12 cents.

When we sold the wheat the buyer said nothing about St. Louis destination and we expected Omaha billing, until we got billing, which was instructions to bill to Lincoln, Neb. This was satisfactory to us, but we never agreed to ship to St. Louis.

Do we have to stand this dock?—A. L. Wyman.

Ans.: The rules of the Omaha Grain Exchange do not expressly cover such a case. Sec. 9 of Rule VI as to "Omaha terms" provides "All grain sold under the rules of the Omaha Grain Exchange must be sold on official weights and grades, or on shipper's weights when it is so agreed."

When shipper accepted billing instructions to Lincoln, Neb., instead of Omaha, he was bound thereby, as, if he objected he should have made his objection known immediately. This acceptance, however, does not carry with it permission to reconsign to a remote point, and the grade and weight should have been ascertained at Lincoln, even though the buyer's intention was to forward elsewhere after getting inspection at Lincoln. As the car was too full for inspection it would have to be unloaded but that was what the seller had a right to expect.

Omaha rules not applying specifically it would seem that Rule 15 of the Grain Dealers National Ass'n applies, as follows:

"Interior Shipments. Grain sold on the basis of regular market terms cannot be forwarded to interior points by the buyer, without the consent of the seller, and the same rule shall apply to terminal market sales that do not contemplate official weights and inspection."

As the buyer expected to retain for himself any profit arising out of the movement to St. Louis he should be required to bear the loss due to such movement. The failure of the inspector at Lincoln to detect that the wheat was hot and weevily was due in part if not entirely to buyer's failure to order the car unloaded there.

Therefore buyer would seem to be liable for the full contract price without dock, because buyer failed to furnish an inspection certificate as required by the contract.

To clinch this view of the matter Rule 38 of the Grain Dealers National Ass'n provides "Division of the shipment by the buyer to some point beyond the billed destination shall constitute an acceptance of the grain and a waiver of the guaranty."

Shipper Liable for Freight?

Grain Dealers Journal: About two years ago we shipped a car of corn to Detroit to a dealer who bought it basis our track. We billed it to our own order, notify this grain buyer at Detroit. The draft we attached to the B/L was paid, but now the railroad company is getting after us for the uncollected freight which it failed to get from the receiver of the grain.

Are we liable for the freight on shipments we make and bill collect, tho it is billed to our own order and notify the buyer?—E. R. Colton.

Ans.: The railroad company has the privilege of collecting freight from the shipper or consignee, when the receiver or consignee fails to pay. It would be a violation of the Interstate Commerce Act for a railroad company to make no endeavor to collect from the consignee and consignee. If the consignee failed to pay and the carrier neglected to go after the shipper for the freight it would be guilty of rebating.

Loading Above Marked Capacity?

Grain Dealers Journal: If I remember right some time ago I saw in the Journal an announcement of a new tariff as regards loading weights that allowed us 10 per cent over marked capacity, plus 1,000 lbs. Is this correct? If so, I would like to have the tariff number.

I was caught a short time ago on a 60,000 capacity car sent to Peoria that had 66,280 pounds, and they charged me freight on 70,000. Of course, the amount is not large, but I do not think they are right.—Farmers Elevator Co., Edwardsville, Ill.

Ans.: The 1,000 pounds proposition applies only when the railroad company transfers an overloaded car into another car, as per the following from freight tariff No. 245-A of the Central Freight Ass'n, effective Oct. 15, 1921:

"Note D.—Overloaded Cars.—When cars are overloaded by shippers, carriers may transfer the lading, for which transfer a charge of 1 cent per bushel will be assessed, in addition to any switching charges which may be necessary in accomplishing the transfer.

"In applying this note, a car is to be considered overloaded only when the actual net weight of the shipment is more than 1,000 lbs. in excess of 110 per cent of the marked capacity of the car used."

About the only loophole for a charge of 70,000 is when a shipper orders a 60,000 and a 70,000 is furnished and the shipper loads it without having the agent note on the bill that it was used instead of the 60,000 ordered. In such case if shipper puts in more than 10 per cent above 60,000 he is held for the marked capacity of the car furnished. If the car in this case was in fact a 60,000 it is an error of the railroad company, and if it was a 70,000 it is an error of the shipper.

Discrimination Against Norfolk, Va.?

Grain Dealers Journal: Grain rates car lots from Sebawaing to Norfolk, Va., prior to Oct. 5, 1921 were 35c, the same as to Baltimore and the grain product rate to this point from Sebawaing was 36c. We are now advised that the new tariff effective Oct. 15 raises the rate on grain 1c and on grain products ½c whereas the grain rates to all other eastern points including Baltimore were reduced 4c and the grain products rates were reduced 4½c.

We feel that the new rates on grain and grain products effective October 15th, 1921 from Sebawaing to Norfolk are unjust and would like to know what can be done.—John C. Liken & Co., Sebawaing, Mich.

Ans.: Where a controversy exists between a shipper and a carrier as to the rate properly applicable on a past shipment the Commission will upon receipt of the bill of lading and paid freight bill, or copies thereof, showing complete routing, date of movement and other essential facts, cause an examination to be made of the tariffs on file here and a memorandum showing the rates properly applicable will be furnished the party making the inquiry, no charge being made for this service.

If the shipper believes that certain rates are unreasonable, unjustly discriminatory or otherwise unlawful and desires to attack such rates, two courses are open under which it may be accomplished. First, he has a right to file an informal complaint in accordance with the provisions of rule 3 of the Commission's rules of practice whereupon it will be taken up with the interested carrier for an expression of their attitude toward granting the relief desired.

Second, he has a right to file a formal complaint, in accordance with the Commission's rules of practice a copy of which will be furnished upon request. Upon receipt of the complaint so filed it will be served upon the interested carrier for consideration and answer and if not satisfied by them the case will be set down for hearing at a point convenient to the complainant.—G. B. McGinty, sec'y Interstate Commerce Commission, Washington, D. C.

Illinois Warehouses Not Required to Obtain Licenses.

The recent ruling, in full of the Illinois Commerce Commission, Springfield, Ill., that operators of grain warehouses are not required to obtain licenses under the new law, follows:

"The Act to regulate the storing of personal property for hire and to provide for obtaining a license therefor, approved June 28, 1921, does not apply to warehouses for the storage of grain, as such warehouses are specifically exempted from the operation of the Act. It is safe, therefore, to say to warehouses for the storage of grain that they are not required to obtain a license under this Act and that the Act itself does not apply to warehouses for the storage of grain in any way, shape or manner.

"The Illinois Commerce Law, being 'An Act Concerning Public Utilities' in force July 1, 1921, defines the word 'warehouse' as follows:

"The term 'warehouse' when used in this act includes all elevators or storehouses where grain is stored for a compensation, whether the property stored be kept separate or not."

"The Warehouse Act of 1871 is included in the present Illinois Commerce Commission Act above referred to and was also included in the Public Utilities Act, repealed as of July 1, 1921. There is nothing in the definition of warehouses, or the classification of same, materially different in either the Warehouse Act of 1871, the Public Utilities Act or the Illinois Commerce Act.

"The Commission does not deem it advisable to change, interrupt or interfere with warehouses for the storage of grain by placing other or different classifications, or by requiring Certificates of Convenience and Necessity, or by installing regulations for the conducting of warehouses for the storage of grain other or different than those which have been in effect in the past. There is no reason, therefore, why grain warehouses should not continue to accommodate and care for the business of their constituents in the future as they have up to the present time."

Canadian Court Upholds Speculation in Futures.

Deciding in favor of the legitimacy of transactions for the future delivery of grain on the Winnipeg Grain Exchange in the case of Woodward v. Koefoed, Justice Dennistoun said:

With regard to the illegality of the contract under sec. 231, it seems to me that the contract can only be illegal if both parties to it have the guilty intention contemplated by the section. If one party is honestly intending to carry out his contract to the letter and has no knowledge that the other party is engaged in a purely speculative transaction without the intention either to take or give delivery of wheat bought or sold, the contract is not unlawful and may be enforced against the person who seeks to escape liability by setting up his own violation of the criminal law. It must be shown that the plaintiffs were particeps criminis in order to deprive them of their rights under the contract, and with respect I do not find any evidence in this case to show that Woodward & Co. have done anything to bring themselves within the purview of the sec. 231, and go further for that matter, and say there is no evidence to show that the defendant had any unlawful intention when he gave orders to buy and sell wheat for future delivery.

The following paragraph from the court's decision strikes at the provision of the Minnesota law requiring a broker to ascertain his customer's intentions.

When an honest broker is doing business with the general public he has a right to assume that his customer is an honest trader, and it would be placing an intolerable burden upon the broker to say that it is his duty to ascertain what may be the customer's real intention before undertaking any business on his behalf. No broker could safely carry on business if its legality depended upon such a contingency.

Of course, the Canadian judge knew nothing about the new Minnesota law against short selling; but members of the Minneapolis Chamber of Commerce will echo his words, "It places an intolerable burden on the broker."

Letters

[Here is the grain dealers' forum for the discussion of grain trade problems, practices and needed reforms. When you have anything to say of interest to members of the grain trade, send it to the Journal for publication. It may draw out the views of others.]

Much Talk, but No Plans for Improvement.

Grain Dealers Journal: A meeting of citizens of Hardin County, Iowa, was held in the court house at Eldora on Monday evening, Nov. 7, to hear the United Grain Growers, Inc., marketing plan explained by Adam Middleton, farmer of Eagle Grove, Iowa, director at one time, if not now, of the local farmers elevator at Eagle Grove and a member of the Committee of Seventeen. The opinion of some present was that we did not hear the plan explained, but simply a history of the causes of the farmers elevator movement which was old stuff to many of us. However it was plain that the farmers want relief and that they are grasping for the first bait thrown out.

I think the grain trade in general admits that the farmers need aid and that part of it might come by changes of certain things in the grain exchanges as we have them today, but the writer, a man connected with a farmers elevator since he was sixteen years of age can not see where The United Grain Growers, Inc., is offering any remedy.

Also it has the appearance of class legislation, something we are obliged to admit exists in this country, whether we wish it or not. Why condemn a practice and then use it.

Aims and ambitions are very much the same the world over, that is to obtain wealth as we see it in money value.

I hope The United Grain Growers, Inc., do something for the agricultural interests of our land, but it is a long way to go.—Yours for better agriculture and marketing, Farmers Co-operative Elev. Co., D. W. Terrell, mgr., Eldora, Ia.

Type Trays of U. S. Grain Grades to France.

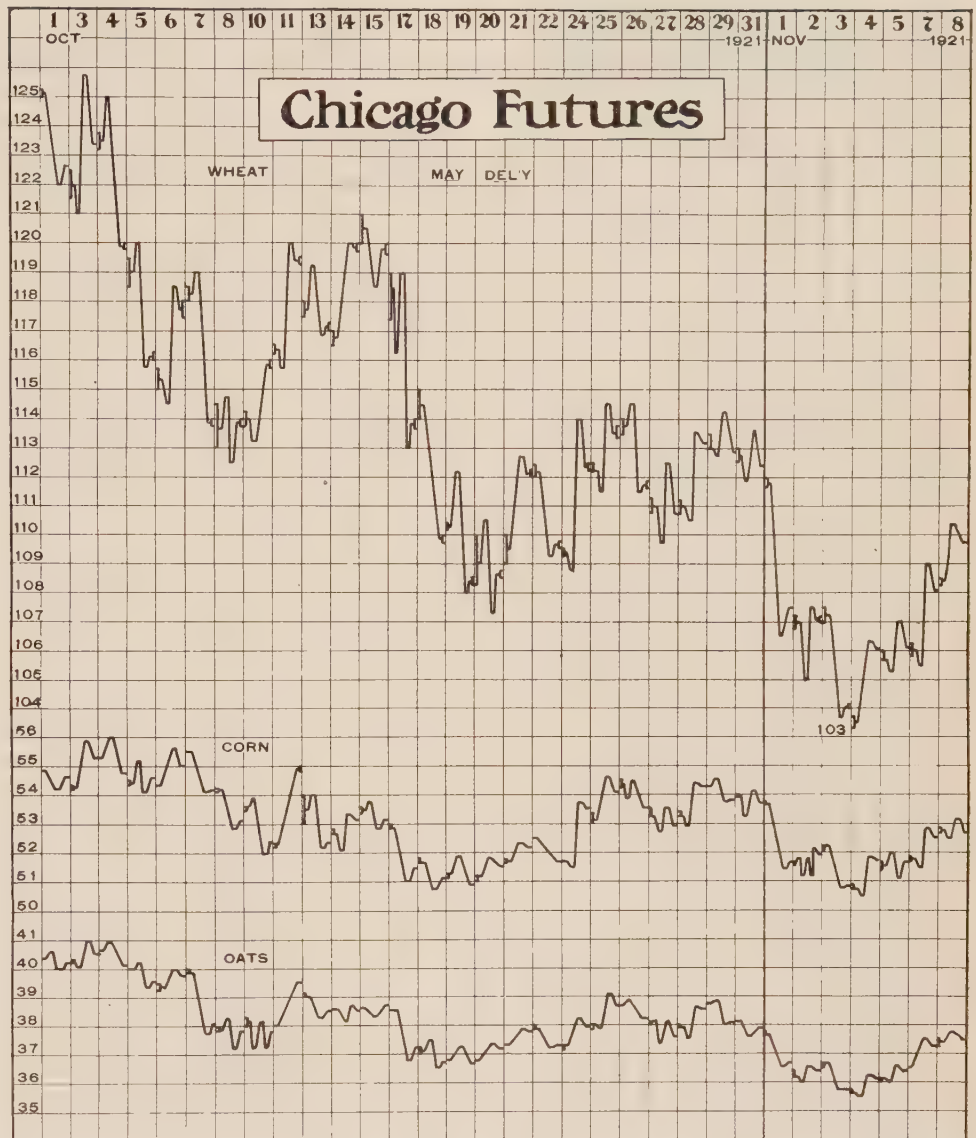
Some time ago the Buro of Markets and Crop Estimates sent type trays showing the various grades of wheat, corn and oats under the U. S. Grain Standards to the Chamber of Commerce, Marseilles, France. The purpose was to provide interested persons in that country with means for studying the grades which we are using.

Recently acknowledgment of the receipt of the trays has arrived, with the additional information that a series of conferences are being held by the sec'ys of several French organizations to determine how to make use of the trays to obtain the greatest value from them.

New Port Elevator at Amsterdam, Holland.

A concrete grain elevator equipped to load and unload ocean vessels as well as railroad cars has been placed in operation at Amsterdam, Holland, reports U. S. Consul Frank W. Mahin.

An electric motor of 100 h.p. drives the machinery which has a capacity to handle 132,000 pounds per hour. Weighing is done thru four weighing machines, and equipment is provided to sack the grain when desired. Shipments to the interior are facilitated by several railroad tracks radiating from the dock on which the elevator is situated. The saving over the old method of lighterage is considerable.



Coming Conventions.

Jan. 24, 25, 26. Iowa Farmers Grain Dealers Ass'n at Fort Dodge, Ia.

Feb. 14, 15, 16. Illinois Farmers Grain Dealers Ass'n at La Salle, Ill.

Dec. 13, 14, 15. Nebraska Farmers Co-operative Grain & Live Stock State Ass'n, at Omaha, Neb.

THE Iowa Corn and Small Grain Show will be held at Ames Jan. 30 to Feb. 4, 1922. Cash prizes of \$1,500 and 119 silver cups will be awarded.

RUSSIAN soviet agents have purchased 10,000 tons of rye in Sweden, paying for it in gold. Sweden's rye crop was large enough to permit the sale, and it is probable further purchases will be permitted by the authorities.

AUGUST exports of wheat and flour from the United States were equal to 66,000,000 bus., compared with 32,000,000 bus. in August, 1920. The highest previous record for any one month was 43,000,000 bus. in October, 1920. Exports of corn and corn meal in August equaled almost 14,000,000 bus. compared with 1,292,915 in August, 1920.

Daily Closing Prices.

The daily closing prices of wheat, corn and oats for December delivery at the following markets for the past two weeks have been as follows:

DECEMBER WHEAT.													
	Oct. 25.	Oct. 26.	Oct. 27.	Oct. 28.	Oct. 29.	Oct. 31.	Nov. 1.	Nov. 2.	Nov. 3.	Nov. 4.	Nov. 5.	Nov. 7.	Nov. 8.
Chicago	108½	107	106½	108½	108½	107½	102	102½	99	101	101½	103	104½
Kansas City	100½	99½	99	101½	100½	100½	94½	91½	93½	93½	95	96½	95½
St. Louis	107½	105½	105½	107½	107	106½	101	100½	97½	98½	99½	101	102½
Minneapolis	123½	121½	119½	122½	121½	121½	115½	115½	111½	113½	112½	115½	117½
Winnipeg	109½	108	107	109½	108½	108½	103½	102½	99½	100½	101½	104½	101½
Toledo	125½	125	123½	126½	126½	123	117	117½	116½	118	117	119	120½
Milwaukee	108½	107	106½	108½	108½	108	102½	102½	99½	101	101½	103½	104½
Duluth (durum)	93	91½	90½	93½	92	91½	87½	88	85½	85½	85½	87½	89
DECEMBER CORN.													
	Oct. 25.	Oct. 26.	Oct. 27.	Oct. 28.	Oct. 29.	Oct. 31.	Nov. 1.	Nov. 2.	Nov. 3.	Nov. 4.	Nov. 5.	Nov. 7.	Nov. 8.
Chicago	48½	48	47½	48½	48½	48	46½	46½	44½	46	45½	46½	47½
Kansas City	40½	40½	39½	40½	40½	40½	38½	38½	37½	38½	38½	39½	39½
St. Louis	46½	46½	45½	46½	46½	46	44	44	42½	43½	43½	44½	45½
Milwaukee	48½	48½	47½	48½	48½	48	46½	46½	44½	46	46	46½	47½
DECEMBER OATS.													
	Oct. 25.	Oct. 26.	Oct. 27.	Oct. 28.	Oct. 29.	Oct. 31.	Nov. 1.	Nov. 2.	Nov. 3.	Nov. 4.	Nov. 5.	Nov. 7.	Nov. 8.
Chicago	33½	33½	32½	33½	33½	33½	31½	31½	30½	31½	31½	32½	32½
Kansas City	31½	31½	30½	31½	31½	30½	28½	28½	28½	29½	29½	29½	30
St. Louis	34	34	33	34	33½	33	31½	31½	31½	31½	31½	32½	32½
Minneapolis	28½	28½	27½	28½	28½	27½	26½	26½	25½	26½	26½	27½	27½
Winnipeg	38½	38½	37½	38½	38	38½	37½	37½	36½	37½	37½	39	39½
Milwaukee	34	33½	32½	33½	33½	33	31½	31½	30½	31½	31½	32½	32½

Crop Reports

Reports on the acreage, condition and yield of grain and field seeds, as well as on the movement to country markets, are always welcome.

CALIFORNIA.

Willows, Cal., Nov. 1.—Rice harvest in full swing. Crop good.—Willows Warehouse Ass'n.

ILLINOIS.

Birbeck, Ill., Oct. 25.—Quality of corn is poor; yield fair.—Harry Johnson, agt., Harrison Ward & Co.

Randolph, Ill., Nov. 5.—Corn and oats crop below the 10-year average. Dry rot and worms in corn. No oats delivered here better than No. 4 and mostly sample.—Randolph Co-operative Grain Co.

Edwards, Ill., Nov. 8.—Most corn dry enuf for No. 2 but grading No. 4 and No. 5 on account of damage. Much of it looks all right on the outside but is rotten at the tip.—Farmers Co-operative Elvtr. Co.

Springfield, Ill., Oct. 31.—Corn husking has made good progress. Yields generally falling below the high expectations prevailing thru most of the season but not expected to fall below the 10-year average. The grain has been injured by the ear worm, moulds and other causes and the quality seems to be averaging poorer than in a usual year. A great variation in quality is noticeable, even in limited areas. Winter wheat has a good stand and is making an excellent growth. Too early to estimate acreage. Rye is up with a good stand and is growing well. A larger acreage than last year seems probable.—S. D. Fessenden, agricultural statistician.

INDIANA.

Galveston, Ind., Oct. 29.—Very little of the corn damaged; running about 19½% moisture.—Paul Garrison.

Larwill, Ind., Oct. 31.—Fall crops are looking good. Have had plenty of rain. Corn not as good as expected because of considerable damage by worms.—Hull Bros.

Brownsburg, Ind., Nov. 3.—Wheat of last season inferior quality, grading No. 3 and No. 4 and of low yield. Oats very light, lots of unfilled husks. Fair yield of corn but it contains from 10 to 20% dry rot.—H. W. Adams, Lingeman, Adams & Co.

KANSAS.

Ashland, Kan., Nov. 4.—Wheat crop in worst condition for years account protracted drouth.—Wallingford Bros.

Herndon, Kan., Oct. 28.—Crop condition 60% of normal; poor; very dry; need rain badly.—J. H. Grill, mgr., Nye-Schneider-Jenks Co., Central Granaries Division.

Dodge City, Kan., Oct. 26.—Crops are suffering from lack of moisture. Complaints coming in of having to reseed. Had a light shower, enuf to settle dust, Oct. 24, and that was first rain for 2 months.—R. H. Glandon, mgr., Board of Trade.

MICHIGAN.

Sturgis, Mich., Nov. 7.—Corn crop good but hurt some by the worms.—W. P. DeBolt, mgr., Sturgis Grain Co.

Lenox, Mich., Oct. 7.—Wheat and rye about the usual crop but oats crop very light. Corn better than usual.—Farmers Elevator Co.

Traverse City, Mich., Nov. 7.—Very little grain shipped out of this section, most of the business being to ship in. Some rye and buckwheat grown, but crop short this year.—Traverse City Mfg. Co.

MISSOURI.

Daisy, Mo., Oct. 27.—Farmers are about thru seeding; some gathering corn but many have not started to. Corn is sappy and poor quality generally. More wheat sown this fall than for 5 or 6 years. Last year's crop of rather poor grade, average test being 55 lbs. One lot I received tested 60 lbs.—C. R. Conrad.

MONTANA.

Fairfield, Mont., Oct. 28.—Plenty of water for irrigation and will have 15,000 more acres under irrigation and cultivation next year.—T. M. Healy, Rocky Mountain Elvtr. Co.

NEBRASKA.

Tecumseh, Neb., Nov. 5.—The recent rain put the soil in excellent condition for fall plowing and at the same time helped the wheat fields which surely needed the moisture.—Farmers Union Co-op. Ass'n.

NORTH DAKOTA.

Leith, N. D., Oct. 27.—We have almost a crop failure in this part of North Dakota, and therefore very little grain to handle.—H. Gibson, mgr., Leith Equity Exchange.

OHIO.

Creston, O., Oct. 27.—Last crop yield about one-half yield; very poor.—T. E. Ewing, Farmers Equity Co.

St. Paris, O., Oct. 21.—Corn generally good; some dry rot.—J. C. Heaton, mgr., Farmers Grain & Feeding Co.

OKLAHOMA.

Billings, Okla., Oct. 31.—Weather very dry and wheat is needing rain very bad.—Wm. Hayton.

Indianapolis, Okla., Nov. 4.—Very poor start for wheat crop next year. Wheat dying for want of moisture. Haven't had a rain for 6 weeks.—B. E. Dillon.

El Reno, Okla., Nov. 2.—Our section is badly in need of rain; early seeded wheat holding its own, but late sowing was drilled in dry dirt.—P. N. Kroeker, mgr. Farmers Mill & Grain Co.

SOUTH DAKOTA.

Sturgis, S. D., Oct. 27.—Crops were short here.—J. A. Hoyt, agt., Rapid River Milling Co.

Letcher, S. D., Oct. 26.—Oats are good; weigh from 30 to 32 lbs to the bu. New corn finest quality.—Farmers Elvtr. Co.

Government Crop Report.

Washington, D. C., Nov. 9.—The crop reporting board of the Bureau of Crop Estimates makes the following estimates from reports of its correspondents and agents:

	1921	1920	1915-1919	1921
	Prelim.	Estimate.	Average.	Prelim.
Corn, bu.	3,151,698	3,232,367	2,797,625	23.9
Wheat, bu.	740,655	787,128	830,895	13.1
Oats, bu.	1,078,519	1,526,055	1,432,697	24.0
Barley, bu.	163,399	202,024	208,098	21.2
Rye, bu.	64,332	69,318	69,159	14.2
B'kwh't, bu.	14,894	13,789	14,978	21.6
Hay, alt. tns.	94,619	108,233	103,397	1.31
Flxsd., bu.	9,360	10,990	11,704	7.5
Rice, bu.	*33,020	53,710	37,189	*38.2
Kafrs (7 states), bu.	125,724	143,939	86,107	24.9
Beans (6 states), bu.	9,332	9,075	13,283	11.8
Brn. corn (7 states), tns.	.....	.....	.....	†381.6
Civrsd., bu.	1,214	1,760	.....	1.6
Peanuts, bu.	33,664	35,960	.....	27.2

*Forecast from condition October 1. †Pounds.
‡Percentage above or below average.

CORN.

	Yield per acre.	—Production (000 omit.)—
	1921. 10-yr.	1921. 1920. 1915-1919.
	Prelim. av.	Prelim. Dec. est. 1919 av.
State.	Bus. Bus.	Bus. Bus.
Pa.	48.0 41.7	72,960 67,050
Va.	23.8 26.4	40,151 50,100
N. C.	19.2 19.9	56,122 64,032
Ga.	15.0 15.0	87,975 76,500
Ohio	41.0 39.2	150,060 162,099
Ind.	36.0 36.4	163,620 184,072
Ill.	35.2 33.7	304,550 294,168
Mich.	30.0 32.8	63,999 65,000
Wis.	46.6 36.5	91,080 86,044
Minn.	41.0 34.7	131,733 118,125
Iowa	42.0 37.3	428,274 473,800
Mo.	30.0 26.0	184,590 198,880
S. D.	32.0 28.2	116,032 105,600
Neb.	23.3 24.5	209,552 255,528
Kan.	23.0 16.2	113,390 137,535
Ky.	25.0 27.3	85,325 100,650
Tenn.	26.5 25.3	92,512 93,100
Ala.	15.5 16.0	73,578 67,149
Miss.	18.0 17.7	85,968 63,680
La.	19.5 19.0	43,856 36,595
Texas.	25.2 19.4	192,478 174,200
Okla.	25.0 16.0	84,525 89,320
Ark.	22.0 19.7	60,742 55,224

U. S. ... 28.9 26.4 3,151,698 3,232,367 2,797,625
Weight Per Measured Bushel.—Wheat, 56.6 pounds, against 57.4 last year and 57.9 the ten-year average. Oats, 28.5 pounds, against 33.1 last year and 32.3 the ten-year average. Barley, 44.4 pounds, against 46.0 last year and 46.3 the ten-year average.

Corn.—Stocks of old corn on farms Nov. 1 estimated at 281,472,000 bus. (8.7 per cent of 1920 crop), compared with 139,906,000 bus. a year ago and 80,576,000 bus. average of preceding five years.

TEXAS.

Glazier, Tex., Oct. 28.—Dry now, and wheat being sown in the dust.—Great West Mill & Elvtr. Co.

Seymour, Tex., Nov. 1.—On account of extremely adverse weather conditions, not over one-half the acreage prepared for wheat has been seeded. We have had practically no rainfall for the past 4 months.—Rigsby Grain Co.

CROPS IN ENGLAND, WALES AND IRELAND.

The crop report of the British government for grain production in England and Wales is as follows: Wheat, 69,784,000 bus.; barley 42,472,000 bus.; oats 80,176,000 bus.; compared with wheat 53,352,000 bus., barley 50,680,000 bus. and oats 85,968,000 bus. in 1920.

The preliminary report of Ireland's crop acreage is as follows: Wheat 43,000 acres; oats, 1,254,000 acres; barley, 175,000 acres; rye, 5,000 acres; compared with wheat 50,000 acres; oats, 1,332,000 acres; barley, 207,000 acres and rye 6,000 acres in 1920.

THE GOOD ROADS bill, appropriating \$75,000,000 federal aid of highway construction, was passed Nov. 3 and awaits the signature of the president. It continues the policy of giving federal aid to states which undertake road construction projects.

INDUSTRIAL standardization is being worked out in Germany by an organization in which practically every line of industry is represented. Many benefits are expected to result from the work, which is looked upon as the principal means of getting the results of research and development into actual use in the industries. The present German efforts along this line are compared by some students to their advances in research work, especially in chemistry, a few years ago.

Exports of Grain Weekly.

[From Atlantic and Gulf Ports, in Bus., 000 Omitted.]

	Wheat.	Corn.	Oats.
	1921.	1920.	1921.
July	2... 5,586	6,851	1,848
July	9... 5,981	5,771	2,817
July	16... 5,807	8,556	3,016
July	23... 5,359	8,990	3,132
July	30... 7,015	7,033	3,192
Aug.	6... 10,355	6,375	2,897
Aug.	13... 7,777	7,220	1,787
Aug.	20... 9,682	6,919	2,254
Aug.	27... 12,628	11,253	2,839
Sept.	3... 8,690	6,425	1,469
Sept.	10... 10,609	8,203	2,223
Sept.	17... 8,200	10,902	3,981
Sept.	24... 7,515	10,572	3,341
Oct.	1... 8,186	7,476	3,025
Oct.	8... 7,395	7,427	2,302
Oct.	15... 5,210	9,345	2,925
Oct.	22... 7,782	7,985	1,999
Oct.	29... 7,849	8,189	1,136
Nov.	5... 4,944	7,768	1,790

Total since July 1... 146,570 153,260 48,373 2,697 12,101 5,351

Flaxseed Conditions.

Our lack of confidence in reports from Argentine on flaxseed crop conditions has been confirmed of late. The exports and visible stocks at the end of October were slightly over 50,000,000 bus. It is fairly safe to say this total will be over 55,000,000 bus. by Jan. 1. For some months the acreage of the growing crop has generally been spoken of as 20% less than last year. Cable now estimates 3,890,000 acres or 408,000 over last year. Conditions not as favorable as a year ago, with changes in quotations the past week of 5 to 10c per bushel up and down. Shipments for the week reported to Europe 625,000 bus., to U. S. A. 640,000 bus.

Domestic seed values for the week have advanced some 8 to 10 cents with a marked improvement in the demand and price of the by-product. The urgent demand for oil continues, and the premium for spot seed is increased.

It is reasonable to expect a gradual reduction in the receipts of flax from now on in western markets, and an increase of Argentine seed at New York.

The Emergency Tariff places the manufacturers of the country at great disadvantage and considerable foreign oil is being imported. The new Tariff bill which may go into effect shortly would clear the situation, but we should say that after the first of the year all mills east of Lake Erie will be running on Argentine seed.—Archer-Daniels Linseed Co., Minneapolis, Minn.

Grain Movement

Reports on the movement of grain from farm to country elevator and movement from interior points are always welcome.

COLORADO.

Wray, Colo., Oct. 31.—About 35% of wheat crop still in farmers' hands; not much of it will move at the price.—Jennings & Roller.

ILLINOIS.

Birkbeck, Ill., Oct. 25.—Corn husking is in full swing.—Harry Johnson, agt., Harrison Ward & Co.

Rutland, Ill., Oct. 27.—No new corn moving or old corn being sold. Everything at a standstill.—Rutland Co-op. Elvtr. Co.

Edwards, Ill., Nov. 3.—Corn about all picked and some of it moving in. Some wheat still in hands of farmers and likely to stay there as long as it stays around the dollar mark. Plenty of oats back but most of it No. 3 stuff now, the poorest oats being in. Farmers are very much disgusted with present prices and talk is strong of a deep cut in corn acreage as they cannot afford to raise it at these prices. Some talk of tenants leaving the farms and seeking other employment.—Farmers Co-operative Elvtr. Co.

INDIANA.

Brownsburg, Ind., Nov. 3.—New corn just beginning to move.—H. W. Adams, Lingeman, Adams & Co.

Galveston, Ind., Oct. 29.—New corn beginning to move and looks like this will be a nice crop to handle.—Paul Garrison.

KANSAS.

Ashland, Kan., Nov. 4.—Eighty per cent of wheat crop marketed by Nov. 1. The grain car shortage we are now having is something unusual for this time of year.—Wallingford Bros.

Dodge City, Kan., Oct. 26.—Grain movement has slumped off except where farmers are forced to sell to meet loans.—R. H. Glandon, mgr., Board of Trade.

Elkhart, Kan., Oct. 25.—About 75% of the wheat has been moved out of this territory. Kafir and milo crop will not exceed one-fifth that of last year.—F. B. Carr, mgr., Elkhart Equity Exchange.

MARYLAND.

Baltimore, Md., Nov. 3.—The first lot of new corn arrived today. It was from Talbot County, Md., and sold at 52½¢ per bu. for No. 3 white. Condition was very damp.

MICHIGAN.

Eden, Mich., Nov. 7.—Shipped several cars of oats last year, but there will be none to ship this year.—C. A. Davis.

Sturgis, Mich., Nov. 7.—Farmers not very free sellers at present price of corn. Wheat and rye about 75% marketed from threshing machine.—W. P. DeBolt, mgr., Sturgis Grain Co.

Wheat Movement in October.

Receipts and shipments of wheat at the various markets during October, compared with October, 1920, were as follows:

	Receipts		Shipments	
	1921	1920	1921	1920
Baltimore	1,320,394	3,963,510	1,813,559	4,271,602
Chicago	1,956,000	1,534,000	1,836,000	1,404,000
Cincinnati	432,500	270,000	247,200	238,800
Duluth	9,604,037	9,213,480	7,581,261	7,491,071
Galveston			2,276,378	6,036,141
Ft. William	46,163,222	31,970,034	33,710,457	25,117,943
Kansas City	7,195,500	6,667,650	181,440	5,116,500
*Los Angeles	227	126		
*Milwaukee	513,000	322,900	354,072	160,757
Minneapolis	18,019,510	16,848,740	5,841,070	5,337,960
New York	10,925,415	9,925,000	7,330,000	4,115,000
New Orleans			2,305,740	8,533,202
Omaha	2,161,600	3,480,000	2,934,400	3,154,000
Philadelphia	4,099,734	2,101,471	3,072,265	2,017,913
San Francisco				
tons	3,934	2,499		
St. Louis	3,510,165	3,584,849	3,522,410	2,675,450
St. Joseph	1,537,500	751,500	820,500	321,000
Texas City			694,000	
Toledo	649,640	1,068,000	274,115	130,475
Wichita	1,759,200	1,495,000	975,000	640,000

*Cars.

MINNESOTA.

Granite Falls, Minn., Oct. 29.—Corn picking is getting well along.—G. H. Dillingham.

Taunton, Minn., Oct. 22.—Grain and coal movement slow on account of high freight rate.—Farmers Co-op. Produce Co.

Cambridge, Minn., Oct. 25.—Not much grain left here for shipment. Also about two-thirds of rye crop sold.—The Cambridge Milling Co.

Lake Benton, Minn., Oct. 24.—Farmers are hauling in grain for storage quite freely but they are not disposed to sell at present prices. Corn husking is well along and shelling will start soon if good weather continues.—E. A. Bailey, agt., G. P. Sexauer & Son.

MISSOURI.

Brookline (Elwood p. o.), Mo., Oct. 26.—About one-quarter of the old wheat in farmers' hands.—F. B. Gray, prop., Brookline Mills.

Kansas City, Mo., Oct. 25.—The first car of new corn arrived here today. It came from Holton, Kan., graded No. 1 yellow with 12.2% moisture, and sold for 42c.

NEBRASKA.

Cook, Neb., Nov. 2.—Grain business slow at present; farmers in fields husking corn.—Chas. W. Sackett, mgr., Farmers Lbr. Co.

Tecumseh, Neb., Nov. 5.—Practically all the corn will be consumed on the feed lots. Farmers feeding from 100 to 1,000 head of stock each. There is no wheat held back in this vicinity.—Farmers Union Co-op. Ass'n.

NEW HAMPSHIRE.

Keene, N. H., Oct. 23.—Grain business is rather quiet as farmers have their grain come in carlots, which takes a good bit of the big buyers.—Frank H. Cole.

OHIO.

Creston, O., Oct. 27.—Grain movement slow.—T. E. Ewing, mgr., Farmers Equity Co.

St. Paris, O., Oct. 21.—Grain moving slowly; corn husking in full force.—J. C. Heaston, mgr., Farmers Grain & Feed Co.

OKLAHOMA.

El Reno, Okla., Nov. 2.—About 75% to 80% of the wheat crop has been marketed. With very few exceptions wheat is infested with weevil and farmers who intended holding until spring are forced to sell on that account. No corn movement, farmers refusing to sell at prevailing prices.—P. N. Kroeker, mgr. Farmers Mill & Grain Co.

SOUTH DAKOTA.

Letcher, S. D., Oct. 26.—Very little grain moving during corn shucking.—Farmers Elvtr. Co.

Sturgis, S. D., Oct. 27.—Not much wheat moving.—J. A. Hoyt, agt., elvtr. of Rapid City Milling Co.

Aurora, S. D., Oct. 24.—New corn about ready to move. Business normal. All old corn moved and 50% of other grains.—J. C. McClemons, mgr., Aurora Grain Co.

Corn is so cheap that in this state some tenants have offered one-third of the crop in return for husking the entire fields, but even this does not attract many workers, who prefer to get 4c to 7c for the work, and get the money.

Corn Movement in October.

Receipts and shipments of corn at the various markets during October, compared with October, 1920, were as follows:

	Receipts		Shipments	
	1921	1920	1921	1920
Baltimore	508,845	594,911	111,428	236,702
Chicago	21,290,000	11,915,000	12,943,000	6,849,000
Cincinnati	310,000	202,800	146,400	208,800
Duluth	1,211,758		1,046,437	
Ft. William	6,134	5,996	70,590	64,172
Galveston			5,935	
Kansas City	925,750	551,250	587,500	221,250
*Los Angeles	192	71		
*Milwaukee	2,860,000	882,075	2,139,200	514,237
Minneapolis	1,088,780	453,120	409,840	387,490
New York	563,176	845,000	378,000	707,000
New Orleans			875,377	133,976
Omaha	1,282,400	763,000	1,450,400	627,200
Philadelphia	324,604	93,801	410,959	38,571
San Francisco				
tons	1,869	4,578		
St. Joseph	702,000	172,500	525,000	99,000
St. Louis	2,369,094	1,259,700	1,938,945	696,960
Texas City			144,563	
Toledo	187,500	105,250	74,800	38,505
Wichita	21,600	15,000	15,000	10,000

*Cars.

rather than attempt to shell corn and market the grain they would get by the other method. In many fields owners and huskers pick only from the stalks that are standing and leave any fallen corn in the field. At a recent sheriff's sale 40 acres of corn, estimated to yield 30 bus. per acre, sold at \$1 per acre.

TEXAS.

Glazier, Tex., Oct. 28.—Grain is being held up by farmers on account of price.—Great West Mill & Elvtr. Co.

Honey Grove, Tex., Oct. 24.—Due to low prices, very little corn and oats have been moved.—S. W. Mantius.

WYOMING.

Riverton, Wyo., Nov. 7.—We estimate that 50% of wheat has left the farms in this territory.—Riverton Elvtr. Co., A. B. Carlson, asst. mgr.

By a vote of 197 to 74, the House on Oct. 18 passed a bill extending to Feb. 1, 1922, the provisions of the Emergency Tariff Act, which expires by limitation Nov. 27. The bill is expected to pass the Senate when it comes up for consideration.

ADDITIONAL TIME of 10 days has been granted the state of North Dakota in which to file briefs in its case against the Farmers Grain Co. of Embden, N. D. Constitutionality of the state law regulating the operation of grain elevators is involved.

Barley Movement in October.

Receipts and shipments of barley at the various markets during October, compared with October, 1920, were as follows:

	Receipts		Shipments	
	1921	1920	1921	1920
Baltimore	79,281	126,570	124,368	35,000
Chicago	566,000	443,000	311,000	471,000
Cincinnati			13,000	
Duluth	666,252	1,149,525	471,890	1,122,918
Ft. William	1,745,691	1,250,808	1,189,508	966,805
Kansas City	87,000	145,500	80,700	66,300
*Los Angeles	94	109		
*Milwaukee	1,067,595	865,870	255,000	301,490
Minneapolis	1,311,170	2,153,410	988,660	2,252,790
New York	536,775	834,000	509,000	574,000
New Orleans			50,427	758,377
Omaha	160,000	169,200	128,000	95,400
San Francisco, tons	51,730	30,095		
St. Joseph	19,250			
St. Louis	124,800	145,600	29,120	15,430
Toledo	1,200	2,400	2,375	

*Cars.

Rye Movement in October.

Receipts and shipments of rye at the various markets during October, compared with October, 1920, were as follows:

	Receipts		Shipments	
	1921	1920	1921	1920
Baltimore	605,282	911,346	468,166	1,095,092
Chicago	107,600	942,000	170,000	785,000
Cincinnati	22,800	24,000	9,600	12,000
Duluth	1,414,400	2,493,684	1,731,842	2,875,738
Ft. William	755,754	492,857	421,725	372,952
Kansas City	51,700	89,100	33,000	49,500
*Los Angeles	3	3		
*Milwaukee	109,810	341,130	61,800	341,886
Minneapolis	868,250	573,410	73,000	335,700
New York	178,857	4,148,000	100,000	3,560,000
Omaha	235,200	262,900	91,000	207,900
Philadelphia	261,957	182,338	249,828	175,852
St. Louis	73,700	40,732	41,580	35,230
St. Joseph	6,000		6,000	
Toledo	27,600	64,800	20,670	70,334
Wichita	1,200	10,000	1,200	10,000

*Cars.

Oats Movement in October.

Receipts and shipments of oats at the various markets during October, compared with October, 1920, were as follows:

	Receipts		Shipments	
	1921	1920	1921	1920
Baltimore	52,727	325,810		2,237
Chicago	5,763,000	6,561,000	3,859,000	3,249,000
Cincinnati	286,000	384,000	154,000	260,000
Duluth	393,610	703,246	295,898	16,206
Ft. William	4,060,589	4,950,958	1,417,615	2,312,472
Kansas City	620,500	885,700	553,500	313,500
*Los Angeles	44	30		
*Milwaukee	2,633,190	1,260,480	1,874,495	2,097,628
Minneapolis	4,695,950	3,861,470	1,965,230	1,492,650
New York	730,845	4,148,000		3,560,000
New Orleans			107,010	122,929
Omaha	886,000	1,738,000	750,000	948,000
Philadelphia	243,507	207,808		
San Francisco				
tons	1,578	1,081		
St. Joseph	84,000	182,000	54,000	16,000
St. Louis	2,477,225	2,200,955	1,919,300	1,149,725
Toledo	196,800	463,600	212,795	219,647
Wichita	9,000	3,000	7,000	3,000

*Cars.

Dust Explosion at Montreal.

Harbor Commissioners' Elevator No. 1 at Montreal, Que., was shaken Oct. 27 by a grain dust explosion that fortunately failed to propagate itself into the bins and thus parallel the disaster at the Northwestern Railway Calumet Terminal, Chicago, last spring.

The house had been working full blast for weeks to cope with the greatest volume of receipts ever experienced and the building was full of dust.

The explosion, however, in leg No. 10, at 10:57 a. m., spent its force upwards into the cupola, which again had a light steel corrugated siding that presented little resistance to the free expansion of the explosive gases. Much of the siding was bulged outwards, many sections blown loose at one end while several sheets of metal were blown entirely off the cupola. That the force was felt thruout the cupola is evident in the photograph of the water side of the house reproduced in the engraving herewith.

The primary and secondary explosions were so violent they shook buildings in various parts of the harbor, and many windows at a distance were broken. The noise was as of one terrific rumble.

Peter Martin, an employe, watching the flow of grain into the elevator leg from the Steamer Glencadam, noticed smoke at the boot and shut off the intake. The explosion followed before he could move away. Flames broke out immediately and were seen from a store building near, from which the alarm was given the fire department. Traveling up the leg into the cupola the explosion went down into a second leg and did considerable damage. The belting and machinery in the cupola continued to burn until two lines of hose were carried up, but as the men were cautioned not to use too much water there was little damage to grain with a third stream on the ground floor the fire was declared out in two hours.

Besides Peter Martin at the boot, a second man was slightly burned, Douglas Herbert, an electrician, at the top of No. 10 leg in which the explosion started. No others of the 160 men about the plant were injured.

A spark, due to friction of the elevator belt is said by M. P. Fennell, Jr., sec'y of the Harbor Board, to have been the cause, by ignition of the grain dust.

The house contained over 3,000,000 bus. of grain, but the damage is placed at only \$10,000 to the building and equipment, as the water used ran down the stairways, instead of into the grain bins.

Next day the elevator was unloading grain from a steamer as usual.

Grain Dust Explosions for 1921.

In the Journal for April 10th, 1921, we published a list of 31 grain dust explosions which had occurred during the preceding 43 years, ending with a brief statement of the loss of life and property caused by the explosion of dust in the C. & N-W. Ry. elevator in South Chicago, March 19, 1921.

Since then we have published some facts regarding the following grain dust explosions:

Mar. 19, 1921, South Chicago, Ill.: At 5:57 p. m. an explosion supposed to have started in the driers demolished the drier house, wrecked 18 bins, blew up the concrete floor of the working house and blew off the concrete covering of the cupolas and conveyor galleries, at the Calumet Terminal of the C. & N-W. Ry., operated by the Armour Grain Co. Six men were killed and 4 injured. Loss, \$2,000,000.

July 5, 1921, Baltimore, Md.: In one bin while being filled with corn at 2 p. m. an explosion of dust cracked the bin wall for its entire height of 60 ft. and blew up a section of the floor above it, in the Port Covington Elevator of the Western Maryland Railroad. From above the explosion was propagated down the shaft containing the passenger lift and demolished its hollow tile walls. Three men were slightly burned and the loss was \$3,000.

Oct. 12, 1921, Buffalo, N. Y.: A dust explosion and fire in the leg of the Great Eastern Elevator operated by the American Linseed Co. did damage estimated at \$5,000.

Oct. 3, 1921, Yukon, Okla.: An explosion of flour dust occurred when an employe opened a flour bin at 11 p. m., in one of the mills of the Yukon Mill & Grain Co., and the fire destroyed that building. Loss, \$300,000.

Oct. 27, 1921, Montreal, Que.: At 10:57 a. m., a violent but localized explosion in a steel elevator leg of the Harbor Commissioners' Elevator No. 1 damaged the upper floor of the building and was followed by an explosion in a second elevator leg. The bin walls were not damaged but some pieces of the iron siding of the cupola were blown off. Two men were burned about the face and arms. Loss, \$5,000.

Oct. 30, 1904, Buffalo, N. Y.: A dust explosion without fire at 10:45 Sunday morning was alleged by the owner of the Ontario Elevator to have been the cause of the complete collapse of the house. One man walking toward the elevator was lifted off the ground and blown 40 ft., receiving internal injuries. Loss, \$100,000. (This explosion was unintentionally omitted from the list of Apr. 10.)

OATS inspected on arrival at all United States points during the three months prior to Oct. 1 aggregated 62,826 cars, against 57,861 a year ago. The poorer quality of this year's crop is shown by only 9,731 having graded No. 2 white, against 18,419 a year ago; while 12,984 graded No. 4 white, against only 2,702 a year ago.

Hearing on Designation of Contract Markets.

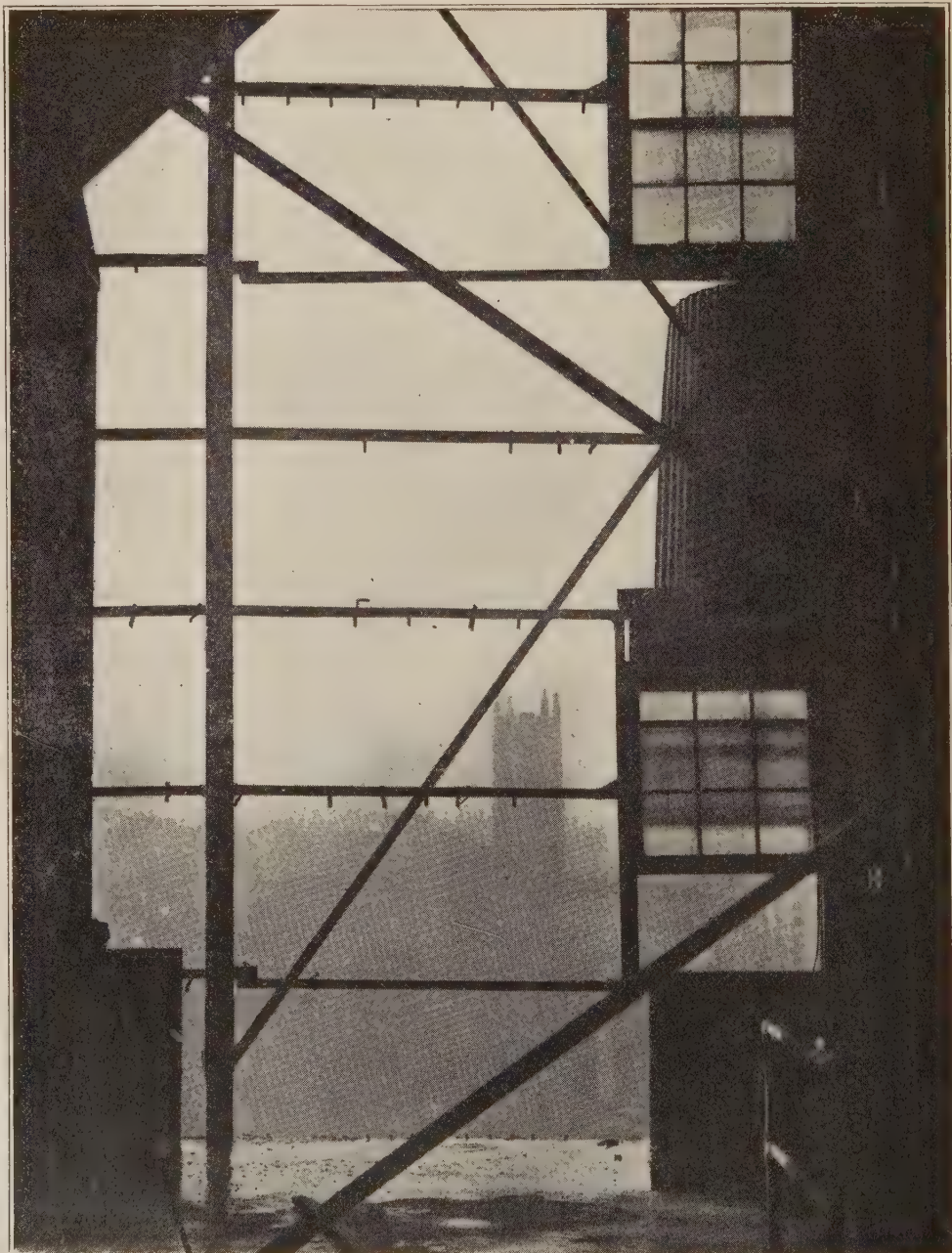
The U. S. Dept. of Agriculture has made the following announcement:

A public hearing at Chicago, Thursday, Nov. 17, will be held by the United States Department of Agriculture for the purpose of discussing questions arising in connection with the designation of future exchanges as contract markets, in accordance with the recently enacted future trading law.

The hearing will be held in room 1139, Webster Building, beginning at 10 a. m. Representatives of interested future exchanges and the cash grain interests concerned in the operation of the future exchanges, together with organizations of grain producers, grain dealers and any others concerned in their operations are invited to be present and to submit their views.

Sec'y Wallace may attend the meeting. Chester Morrill, assistant to the Sec'y, Rollin E. Smith of the Bureau of Markets and Crop Estimates, and Fred Lees, assistant to the Solicitor of the Department of Agriculture, will be present.

Altho all these proceedings are futile in view of the unconstitutionality of the Capper-Tincher Law it is the duty of the Sec'y to assume that the Act is valid until decided otherwise by the courts.



Dust Explosion Removed Corrugated Iron Siding from Land Side of Harbor Commissioners' Elevator No. 1, Montreal, Que. [See pages 641 and 642.]

Fall Meeting of Ohio Ass'n

The fall meeting of the Ohio Grain Dealers Ass'n was held in the Southern Hotel, Columbus, Oct. 28. Pres. S. B. Swope, Canal Winchester, called the convention to order at 10 a.m. and Sec'y J. W. McCord read an address in commemoration of the services rendered to the Ass'n and the trade in general by O. W. Cook, former president of the Ass'n, and E. W. Scott, former chairman of the arbitration com'te, both of whom have died since the summer meeting at Toledo.

The following memorial was unanimously adopted:

IN MEMORIAM.

Today, as individuals and as an Ass'n, we stop and pause for a moment to pay tribute to these noble lives; they served us well with great honor and integrity during all the years of their active connection with the Ass'n; they contributed liberally and to the best of their ability, of time and money for the advancement of the best interests of the Ass'n and the grain trade at large. They were truly in spirit and good deeds God's noble men.

Our memories of these, our departed fellow-men, will long remain with us who survive them. Their lives were as an open book, full of good deeds, faithful to all of the principles of right life and right living; they were true followers of the lowly Nazarene; the world was made better and was enriched by their lives. Well may we say, "He lives long that lives well," and, "That life is long which answers life's great end."

The epitaph dedicated to the life of President Garfield is also a fitting tribute to these lives:

"Life's race well run,
Life's work well done,
Life's crown well won,
Now comes rest."

We bow our heads in silent prayer in memory of these loved ones; asking the kind Father of us all to so temper this dispensation of Divine

Providence to us that we may truly say: "Thy Will Be Done."

We convey to the families of the deceased our deepest sympathy in this time of bereavement, and we order that this memorial be made a part of the minutes of this meeting, and that copies be sent to the respective families of the deceased.

In keeping with the thought conveyed in the memorial, the dealers stood in silent prayer for a short period.

The plan of the Near East Relief was explained by the Ohio field sup't of the work, and the following resolution was unanimously adopted:

NEAR EAST RELIEF.

Whereas: In the land that gave us our Bible and was the birthplace of our Christian religion, hundreds of thousands of homeless orphans and helpless women are suffering for want of food, clothing and shelter; and

Whereas: The Near East Relief has launched a campaign for five million bushels of grain from the farmers of America;

Therefore, be it resolved, By the Ohio Grain Dealers' Ass'n:

1. That we endorse the work of the Near East Relief and pledge to it our active co-operation and generous support in its great humanitarian endeavors;

2. That we recommend to all our members that they give their heartiest support and co-operation to the Near East Relief to accomplish its purpose to collect, convert and transport the grain and food products made therefrom to the Near East;

3. To this end we recommend that all elevators and mills contribute grain, also collect, receive and ship farmers' gift grain for Near East Relief without charge.

Pres. Swope: Following our usual custom, the fall meeting will be devoted largely to an exchange of information about conditions in our respective communities and for passing on to each other those ideas we have found

useful in our business. I will call on E. T. Custenborder, Sidney, to start it.

Mr. Custenborder: Conditions are satisfactory; a little corn moving, but none shipped. I will have more to say about corn this afternoon as I have some in my grip.

(Editor's Note: Several minutes were consumed in an effort of the dealers present to learn whether the corn in Mr. Custenborder's grip was ear, shelled or fluid.)

C. E. Groce, Circleville: We are beginning to handle corn and it is getting drier all the time. Quality is good but there is considerable dry rot. It will soon be in good condition with good weather.

H. G. Pollock, Middlepoint: General conditions are good in our section. There is the usual small acreage of wheat. Oats and old corn moving, and there is very little of the latter left. Quality of new corn is better than usual altho the ear worm affected the early corn. We are glad it is not the European corn borer. Corn yield is 50 to 80 bus. per acre and one ear averaged 17½% moisture; only about 1% dry rot. Oats average 22 to 31 lbs. per bus.

L. W. Dewey, Blanchester: Good crop of corn but all will be fed to hogs. No oats for shipment and quality poor.

D. R. Risser, Vaughansville: Corn a fair average crop; not much moving. Oats fair, most of them grading No. 2. Wheat crop is short and not good quality. Elevator operators should interest themselves in better seeds to get crops that will be better both as to yield and quality.

C. K. Patterson, Piketon: We have white corn principally. A large crop and splendid quality.

John McDonald, Washington, C. H.: Conditions are different with us. We have a good crop of well matured corn, but a very much dissatisfied community. Farmers are much



Water Side of Cupola of Harbor Commissioners' Elevator No. 1, Montreal, Que., Shortly After the Explosion.
[See pages 640 and 642.]

disturbed and little corn will be moved. We are in the center of a county farm bureau that has learned more about the grain business in the last two years than all grain dealers combined have learned in a lifetime.

Frank H. Tanner, Columbus, sec'y Ohio State Millers Ass'n: I have been urging millers to work the territory around home and not try to go clear across the country when there is a possibility for business at their very door. I think this could also be applied to the grain business.

Adjourned for luncheon.

Afternoon Session.

The afternoon session was called to order by Pres. Swope at 2 p.m.

Sec'y McCord read a letter from Fred Mayer, Toledo, in which the latter expressed regret that he could not attend the meeting.

The reports of conditions then continued:

J. H. Motz, Brice: No new corn taken in, and not much shucked. That we have seen is very good, better than last year. The wheat crop was somewhat disappointing and business men, including grain dealers, are carrying farmers now for advances made against their wheat before it was harvested. At harvest, they could not pay and it must come out of their corn crop. Seventy-five per cent of the wheat in bins is weevily.

E. O. Tegardin, Duvall: Have taken in no corn and do not know its condition.

John B. Van Wagner, London: Have taken no corn, but think the quality good and reasonably dry.

A. M. Daugherty, Derby: We have taken but little new corn. The quality is good. Wheat acreage much larger than last year.

Fred Kile, Kileville: No corn moved. The crop appears fairly good as to yield and quality. Ear worms affected late corn, especially on high ground. Oats crop a failure—the worst in years. The wheat crop was pretty good.

Arthur Weidenger, Mt. Sterling: We have taken in a little corn. It is in fine condition.

G. E. Stephenson, Rosewood: Wheat, a half crop grading mostly No. 3. Oats a fourth crop and very light. Corn, an average crop and good. We have bought no new corn. Farmers just stopped hauling old corn. We are bothered with blue corn. It can cause a lot of trouble when a car of it gets to an interior point on a declining market. We expect to post notices that we will handle no blue corn after farmers have an opportunity to dispose of that which they have, thus discouraging planting it again.

C. W. Pontius, Lewisburg: Wheat, a half crop; oats, nothing. Good crop of corn but farmers will only sell when necessary to get room or money. Wheat acreage is greater than last year.

Harry Heffner, Williamsburg: We have taken a little corn and it averaged 20% to 21% moisture. Farmers not selling freely. Wheat acreage about the same as last year.

Grover Cline, Ashville: A half crop of wheat of inferior quality. Corn is moving slowly. It is very good quality, a car loaded yesterday testing under 20% moisture. There is a little dry rot.

Mr. Custenborder delivered the address on corn that he had promised earlier in the day. The corn he displayed was in the ear of a small type, produced from seed he had induced a farmer to plant. He said that tests and experience have proven that big type ear corn is not satisfactory, that it does not yield as much per acre, the small type giving results of as much as 5 bus. per acre more than the big type, and that the smaller corn matures earlier.

He explained the advantage that will come to grain dealers if the farmers of their community can be taught to exercise more care in all the phases of seed selection, and he especially recommended that the grain dealers advise their patrons to plant the small type, early maturing corn.

Mr. Custenborder blamed grain dealers generally for the carelessness of farmers in caring

for their crops, saying the dealers have fostered the habit when they have paid as much for low grades as for the higher grades.

J. L. Doering, Toledo: The first car of new corn for this crop was received in Toledo yesterday. It graded No. 4 yellow, with 18% moisture.

Fred E. Watkins, Cleveland: We have been somewhat surprised at the showing corn is making, after what we had been told about dry rot. From what I have heard today it seems that corn can be satisfactorily sorted, or that we were misinformed about the prevalence of this defect. I want to second Mr. Custenborder's remarks about the small type ear of corn. Early maturity is to be desired. The oats we have handled averaged about 26 lbs. I don't know what happened to all the light oats we were told about earlier in the season, but we were agreeably surprised with most receipts grading No. 3.

Mr. Pollock: The grade of No. 3 was made by cleaning before shipment and the tailings were kept and returned to farmers or sold as feed.

A Dealer: How much moisture can there be in corn and it be safe for shipment to market?

Mr. Heffner: Weather conditions must be considered and the percentage of oil as well as that of moisture enters into it. It is not possible to lay down a hard and fast rule, and the dealer must be guided by conditions in the light of his experience.

Mr. Pollock: Pick a clear, crisp and dry day to shell corn. Shell it clean, and clean it clean. Corn will absorb moisture in handling on a wet day.

Mr. Custenborder: Don't load corn into a car that has stood several hours in the sun-

shine with the doors closed. It will be very hot inside that car and that will start heating in corn put into it. Load into a cool car in the morning, close it up immediately, and get it on its journey as soon as possible. If the car has stood on the west side of the elevator all afternoon, don't load that night. Open the doors in the evening and come down early the next morning and load.

W. F. Morgan: I can add little. There are a lot of sick grain men and there seems to be no cure for their disease.

R. M. Borrer, Grove City: Corn is very good and fairly dry. I agree that the small type ear of corn is best, but don't think barren stalks are as much the fault of the corn as of the grower.

Mr. Pollock: What shall be the contract grade, No. 3 or No. 4?

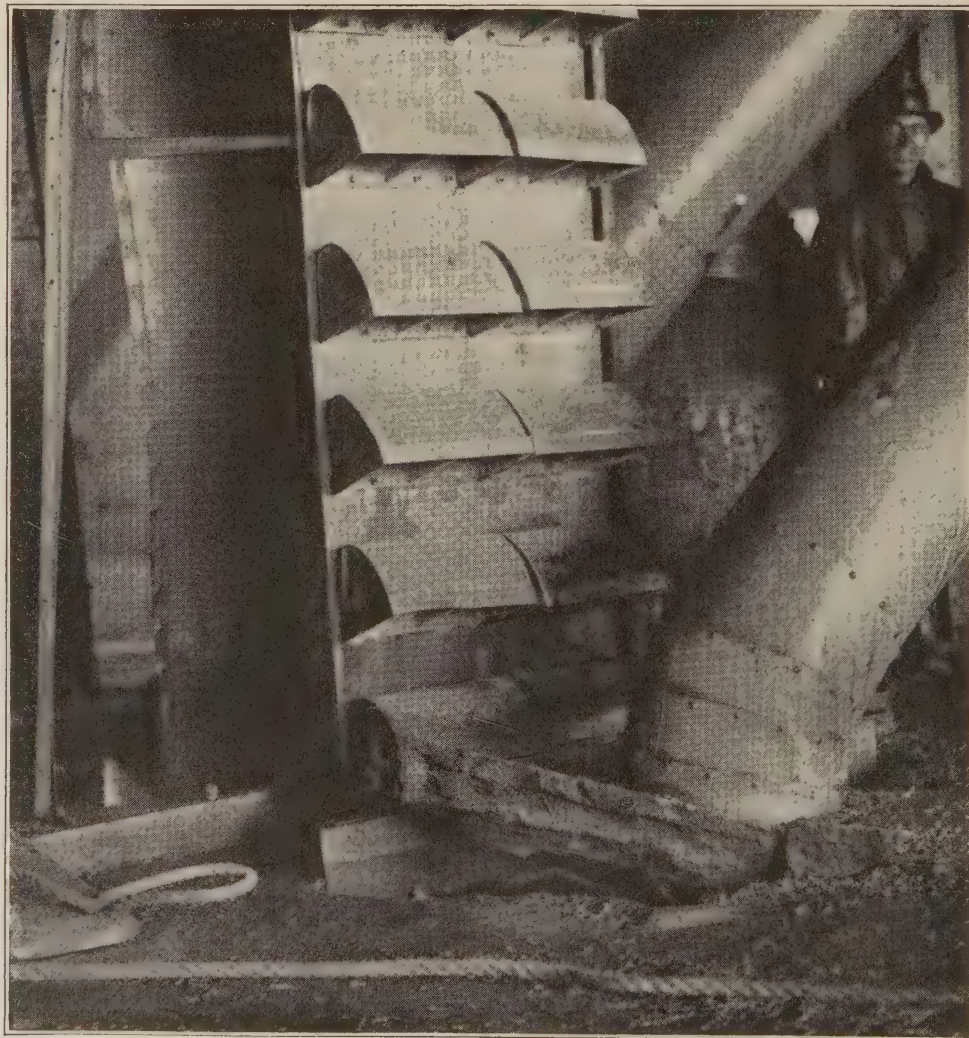
There was no direct answer to this question, and Mr. Kile asked what has become of "cool and sweet" corn.

Mr. Groce: I suppose you can sell "cool and sweet" corn but you can get more money for grade corn.

Pres. Swope appointed Philip C. Sayles, Columbus, to the vacancy in the membership of the arbitration com'tee created by the death of Mr. Scott.

Mr. Dewey related his experience in shipping in potatoes for sale in the community and suggested that other dealers might find a similar source of profit in their own location and at the same time render a real service to their patrons.

Sec'y McCord reported that W. T. Palmer, Celina, is ill in a hospital at Cleveland and upon motion the Sec'y was instructed to convey to Mr. Palmer the sympathy of the Ass'n



Down Leg; Casing Ripped Off; Section of Concrete Floor of Cupola Jarred Loose; Bin Spout Intact, Showing Force Greatest within Leg. Harbor Commissioners' Elevator No. 1, Montreal, Que., Oct. 27, 1921. [See pages 640 and 641.]

and the hope of its members that he would soon recover.

Charles S. Clark spoke briefly about the need for lower freight rates in order that the farmer can realize enuf from his products to make it possible for him to continue in business. He pointed out that there is imperative need for the reduction of the wages of railroad laborers to enable the carriers to reduce rates, saying the present situation compels the farmers to work for 5 to 10 cts. while many railroad men get \$1.25 an hour.

Mr. Pollock: I think the Ass'n should go on record as asking for a reduction of transportation charges by removal of the increase of August 26, 1920. I move that the president and sec'y be instructed to petition the Interstate Commerce Com'n to order such a reduction.

Mr. Dewey: We should be careful in making such requests. What we need to do is to ask state legislatures and congress to repeal the laws injurious to the railroads. The carriers are entitled to a reasonable rate and they cannot reduce rates under present conditions and continue to exist. Their securities now are practically unsalable and their stock returns no dividends. We will have no general prosperity until all rates, all wages and the prices of all commodities reach an equilibrium.

Mr. Pollock: The farmer has a profit on eggs, milk and livestock and the rates on grain and hay must be put so he can get a profit on them or he will quit producing. It is a matter of wages as much as rates, of course, but they go together.

Mr. Pollock's motion was tabled.
Adjourned *sine die*.

Convention Notes.

Fred E. Watkins came from Cleveland. Cincinnati was represented by H. E. Niemeyer, F. J. Currus, and Wm. L. Ingles, the grain supervisor at that market.

Toledo receivers were represented by W. W. Cummings of J. F. Zahm & Co., and J. L. Doering of Southworth & Co.

Registration was in charge of C. O. Garver, inspector for the Grain Dealers Fire Ins. Co.

A souvenir pencil was distributed by Omer Snyder of the Columbus Grain & Hay Co.

H. E. Broome, the Richardson Scale Man, was there to weigh the evidence and to help the dealers to know what they put in cars.

The smoke seen by outsiders came from the good cigars distributed by W. F. Morgan, representing John T. Fahey & Co., Baltimore.

Ohio shippers present included: E. L. Allton, St. Paris; F. W. Arnold, Sommerset; R. M. Borror, Grove City; N. G. Bennett, North Baltimore; I. B., W. H. and G. C. Cline, Ashville; B. F. Cook, Madison Mills; E. T. Custenbender, Sidney; J. W. Channel, Wilmington.

A. M. Daugherty, Derby; L. W. Dewey, Blanchester; C. E. Groce, Circleville; Harry W. Heffner, H. H. and Wm. Heffner, Circleville; W. H. Harsha, Portsmouth; O. P. Hall, Greenville; D. C. Henry, Carey; Fred and E. M. Kile, Kileville; J. H. Motz, Brice; W. N. Myers, Lockburne.

Fooling the Farmers.

The announcement by the U. S. Grain Growers, Inc., that the War Finance Corporation had advanced \$15,000,000 to the U. S. Grain Growers for co-operators in the Northwest, on investigation proves to be as truthful as most of the propaganda put out to deceive the farmers into thinking that the Com'ite of Seventeen agitators are doing something for them.

Eugene Meyer, Jr., managing director of the War Finance Corporation, Washington, D. C., on Oct. 21 said "The War Finance Corporation has not extended a \$15,000,000 credit to the U. S. Grain Growers, Inc., nor has an application for an advance been received from any organization of that name."

One St. Paul grain concern has arranged for the assistance of the War Finance Corporation, but the funds to be advanced are controlled by the Federal Reserve Bank at Minneapolis and are limited to 60 per cent of the value of warehouse receipts to be deposited with the bank.

Grant McMorran, Saint Paris; A. V. McClure, Eldorado; John McDonald, Washington C. H.; G. M. North, Groveport; C. K. Patterson, Pike-ton; J. M. Pence, Maplewood; H. G. Pollock, Middleport; H. W. Robinson, Cleveland; R. P. Reid, Circleville; D. R. Risser, Vaughansville; Bliss F. Russell, Conover;

S. B. Swope, Canal Winchester; G. Stephenson, Rosewood; E. O. Teegardin, Duvall; K. Threlkeld, Grove City; G. S. Threlkeld, Blessing; J. B. Van Wagner, London; A. Weidenger, Mt. Sterling.

Bill Attacking Constitutionality of Future Trading Act.

A suit to test the validity of the Capper-Tincher law was begun in the U. S. District Court at Chicago, Ill., Oct. 25, by Henry S. Robbins, attorney for complainants.

The bill recites the charter under which the Chicago Board of Trade operates and denies the right of Congress to prohibit intrastate sales of grain. Judge Landis has granted a ruling that defendants be restrained, and set the hearing on the granting of a temporary injunction for Nov. 7. The bill follows, in part:

Your orators, John Hill, Jr., Reuben G. Chandler, Adolph Kempner, Emil W. Wagner, Charles E. Gifford, Alfred V. Booth, Edward L. Glaser, and Alonzo B. Lord, bring this, their bill of complaint in their own behalf (and in behalf of all other members of the Board of Trade of the City of Chicago, who may wish to join therein or share in the relief granted herein), against Henry C. Wallace, sec'y of Agriculture; David H. Blair, Commissioner of Internal Revenue of the United States; Charles F. Clyne, United States District Attorney for the Northern District of Illinois; John C. Cannon, Collector of Internal Revenue for the First District of Illinois; Board of Trade of the City of Chicago, Joseph P. Griffin, president and a director of said Board of Trade, and James J. Fones and Theodore E. Cunningham, vice-presidents and directors of said Board of Trade, and Louis C. Brosseau, John J. Bagley, James W. McCulloh, Joseph F. Lamy, Kenneth P. Edwards, Joseph Simons, William E. Hudson, Edward D. McDougal, Edwin A. Doern, Leander L. Winters, Charles H. Stone, David H. Lipsey, Allan M. Clement, Fred S. Lewis and James C. Murray, directors of said Board of Trade, and John R. Mauff, secretary of said Board of Trade, and allege:

That the provision for the expulsion of any member violating its said commission rule was first inserted in said rule about the year 1900 and that before such insertion the salable value of its memberships did not exceed \$800, and that since such amendment and its strict enforcement by said Board, memberships have been sold to persons desiring to become members for as much as \$11,000 and are now salable for more than \$7,000.

That heretofore members of co-operative ass'ns have sought to become members of said Board, but said Board has refused to admit any such persons to membership, for the reason that the avowed purpose of such applicants has been to rebate back to the members of their organization the aggregate amount of their commissions, less their salary and expenses, and that this would violate and break down said commission rule of said Board, and would ultimately destroy the business of its members, which consist in the receiving of grain by consignment for sale on commission, the ultimate effect of which would be to much impair, if not destroy, the value of the memberships of said Board, and make it difficult for said Board to maintain sufficient members who would be willing to pay assessments to meet the expenses of maintaining its said exchange.

Prohibitive Tax on Futures.—That no member of said Board can afford to make contracts for future delivery and pay the tax thereon imposed by The Future Trading Act, and said law in fact prohibits all those who are not members of a board of trade, which has been designated by the Sec'y of Agriculture a contract market under said Act, from making any contracts for future delivery respecting grain.

Your orators are advised by their counsel and charge that said Future Trading Act violates the Constitution of the United States in the following, as well as in other, respects:

Violates the Constitution.—It seeks to deprive your orators and other members of said Board of their property without due process of law contrary to the 5th amendment of said Constitution, in that the compulsory admission to membership on said Board of representatives of co-operative ass'ns of producers as required in clause (B) of Section 5 will impair the value of all memberships in said Board.

It violates Section VIII of Article I, and the 10th Amendment of said Constitution, in that it attempts to regulate commerce, which is not commerce with foreign governments or among several states or with the Indian tribes, but is commerce wholly between persons contracting within the State of Illinois respecting the purchase or sale of grain which forms a part of the common property of that state—in that, in

other words, it seeks to regulate commerce which is not interstate but purely intrastate in character.

It violates the 10th amendment to the said Constitution in that it interferes with the right of the State of Illinois to provide for and regulate the maintenance of a grain exchange within its borders upon which is conducted the making of contracts which are merely intrastate transactions.

It violates the 5th amendment to the Constitution in that it gives to farmers' co-operative ass'ns and their representatives the right to share in and enjoy the use of real estate owned by the Board, a private corporation, and used for the exclusive use and benefit of its members, and this without giving the Board or its members any compensation therefor.

It violates sec. 8 of Art. 1 and the 10th amendment of said Constitution, in that the taxes imposed by said act are not laid either to pay the debts, or provide for the common defense or general welfare of the United States, but for the purpose only of regulating grain exchanges as respects intrastate transactions of their members of benefiting a class (producers of grain) at the expense of another class (members of grain exchanges.)

It violates the 4th amendment to said Constitution in that it authorizes unreasonable searches by the Sec'y of Agriculture respecting books and papers which do not relate to any property upon which a tax is imposed, nor to any transaction within the commerce power of Congress.

It violates the 5th amendment to said Constitution in that it deprives members of said Board and of other grain exchanges of the right to contract for the purchase of grain for future delivery as fully as other owners and growers of grain and of land on which the grain is grown, and associations of such growers are permitted by the law to contract.

The court is petitioned to adjudge that every provision of the Future Trading Act violates the Constitution of the United States and is void, and that a temporary injunction be issued

enjoining said Henry C. Wallace, as Sec'y of Agriculture, from taking any steps whatever, legal or otherwise, to induce or compel said Board of Trade or its directors to comply with sub-clause (e) of Section 5 of said Future Trading Act or to be designated a contract market under said Act, or to compel said Board or any of its members to comply with any of the provisions of said Act, and also enjoining said Wallace from requiring said Board or any of its members to make any report or keep any record relating to any contracts for future delivery made upon the exchange of said Board, and from taking any other steps or do any other act authorized or required by said Future Trading Act as respects said Board or its members, said Board, and each of its said officers and directors, from applying to said Sec'y of Agriculture to have said Board designated as a "contract market" under said Act, and from admitting to membership in said Board any representative of any co-operative ass'n of producers in compliance with, or under the terms specified in sub-clause (e) of Section 5 of said Act, or from taking any other steps for the purpose or with the intent to comply with the said Act.

After the formality of presenting the case Nov. 7, the petition was dismissed by agreement of Attorneys Swanson and Smith, representing the government and the petitioners, respectively, before Judge Landis, in order to take an immediate appeal to the United States Supreme Court, which eventually would have had to pass on the constitutionality of the Act.

And The King Can Do No Wrong?

The affairs of the Co-operative Society of America, a Chicago organization conducting grocery stores and having connections with concerns engaged in other lines of business, have been brought to the public notice thru legal proceedings. Something that was said or published caused Leo C. Moser, director of information for the U. S. Grain Growers, Inc., to make a statement. A newspaper quoted him thus:

"There is a very apparent material difference between our organization, which is a strictly co-operative association controlled by one-man, one-vote policy, and an association such as the Co-operative Society of America, a common law trust, which not only allows latitude for personal gain on the part of some individuals, but also denies the right of members to participate in the control of the company."

Farmers who are asked to put life into the veins of the U. S. G. G. might be interested in the answers to some questions. For instance, Who is the "one man"? Who dictates the "one voice policy"?

Seeds

THE ANNUAL seed show of the state of Montana will be held Jan. 10 to 12 at Bozeman.

KNOXVILLE, TENN.—The new building to be occupied by the D. R. Mayo Seed Co. is practically completed.

DECORAH, IA.—The Adams Seed Co. has increased its capital stock from \$300,000 to \$500,000.

THE BEAN CROP in Manchuria has suffered from drought, and in one district it is considered practically a failure.

A TARIFF RATE of 4c per pound on grass seed is demanded in the new tariff bill by the "agricultural bloc" in the senate.

DALLAS, TEX.—The Robert Nicholson Seed Co. has been incorporated with capital stock of \$150,000. Incorporators, Robert Nicholson, N. L. Kelly and James S. Adams.

JUDGMENT of \$4,849 has been awarded the Barteldes Seed Co., of Oklahoma City, and Lawrence, Kan., against the Early Grain & Elevator Co., of Amarillo, Tex. The controversy was over a shipment of cane seed.

THE ELEVENTH annual Idaho State Seed Show will be held at Idaho Falls, Jan. 10 to 13, 1922. The show is held at a different point each year in order that the results of the pure seed movement may be brought home to the producers in the various sections.

JACKSONVILLE, ILL.—Two storage sheds of the McNamara & Henneghan Feed & Seed Co., with their contents of grain and hay, were burned recently, one being destroyed and the other damaged, the amount of damage being about \$5,000. The cause is unknown.

AN INJUNCTION has been handed down by the U. S. Circuit Court of Appeals at St. Louis restraining the D. M. Ferry Seed Co. from selling its seeds in Oklahoma unless the state law governing the labeling of seeds is complied with. The decision upholds the state law requiring a seller of seed to label his product to show the approximate percentage of germination, and forbids the sale of seed labeled, nominally, "1% germination."

COLUMBUS, O.—The Ohio Department of Agriculture during the first half of 1921 took 425 samples of seeds that failed to come up to the official analysts' limits of tolerance. Of the 600 Inspectors' samples the analyses of which have been completed, 292 contained the seeds of noxious weeds. Blackseeded plantain was the more common, occurring in 155 samples. Sheep sorrell was present in 123; buckhorn in 106, and curled dock in 102. Plantain, other than the two above mentioned species, 31. Dock, other than sheep sorrell and curled dock, 20. Dodder 10. Wild carrot 10. Canada thistle and ox-eye daisy, 8 each. Chickory 2.

Imports and Exports of Seeds.

September imports and exports of seeds, and for the nine months ending with September, were reported by the Bureau of Foreign and Domestic Commerce as follows:

IMPORTS.				
	September		Nine months ending	
	1921	1920	September	
Beans, bus.	8,810	109,952	210,407	1,932,357
Castor bus., bus.	174,474	119,809	495,370	1,067,885
Flaxseed, bus.	598,805	2,007,420	8,602,884	19,301,932
Red clover, lbs.	254,814	.....	15,640,393	12,680,161
Oth. clover, lbs.	1,518,362	842,352	18,466,362	11,749,347
Oth. gr. sds., lbs.	2,580,071	272,965	11,573,223	19,064,732
Pearl, bus.	18,483	226,937	303,174	1,722,711
Sug. bt. sds., lbs. ....	.....	202,409	6,385,999	15,461,896
EXPORTS.				
	September		Nine months ending	
	1921	1920	September	
Beans, bus.	68,258	62,905	1,079,739	1,503,549
Flaxseed, bus.	6	519	262	15,177
Clover seed, lbs.	569,999	111,457	3,990,790	2,939,806
Timothy, lbs.	1,278,826	337,994	13,165,717	9,485,862
Oth. gr. sds., lbs.	395,957	306,629	3,687,281	2,630,805
Pearl, bus.	8,323	10,253	92,813	234,628

FREMONT, NEB.—The seed store of the Western Seed & Irrigation Co. was damaged by fire recently. The blaze is thought to have been started by defective electric wiring.

WICHITA, KAN.—Assets of the Ross Brothers Seed Co. have been bought by W. J. Torrington, special collector for the Fourth National Bank. The seed company was adjudged a bankrupt Sept. 15.

From the Seed Trade.

LENOX, MICH.—Some clover seed. Beans an average crop.—Farmers Elevator Co.

SHENANDOAH, IA.—We have threshed 100 acres of Hubam clover, which yielded about 5½ bus. per acre.—Henry Field Seed Co.

Soy beans have made a big yield this year and quality is fine. Many cars are available for immediate shipment if a satisfactory market could be found.—Champaign Seed Co.

LAKE BENTON, MINN.—A fine crop of timothy, clover and some alfalfa seed was grown here this year. Some clover going as high as 3 bus. per acre.—E. A. Bailey, agt. G. P. Sexauer & Son.

TOLEDO, O.—Timothy seems to be holding its own. Many of the best people in the trade feel that timothy decline has run its course. Good evidence of purchasing power on moderate setbacks.—Southworth & Co.

FORT WAYNE, IND., Nov. 4.—There are no doubts but what our clover acreage will be double this coming season unless weather conditions prevent its growth. We raise very little alsike and no timothy or alfalfa in our territory. There will be very little seed carried over—farmers having marketed what little they had while the prices were higher.—Stiefel & Levy.

CHAMPAIGN, ILL., Nov. 4.—Last year Illinois produced an unusually large crop of high grade clover seed and it seemed much would be carried over for use during the coming year. However so far as we can learn there will be very little of last year's seed available, so seeding must have been heavier than most of the trade supposed. Yields this year are much less and quality is not as good. While we have secured limited amounts of bright clean seed most of the offerings are weather stained and contain much blasted seed. We also cannot help commenting on the unusual amount of noxious weed seed present in the clover which is hard to account for.

TOLEDO, O.—Clover market has shown an easier undertone the past week. Receipts have continued large, but should decrease soon. Severe break in grains has affected sentiment. Buyers are timid. Stock here is large and demand for low grades is not very keen. Seed arriving now shows a large percentage of brown and shrunken and will not make prime. Dealers in some sections report that most of the seed in farmers' hands has been shipped out. Open trades in December are smaller than usual and market will not have to absorb a heavy liquidation by December longs. Market will probably remain quiet with light trade until after the turn of the year, when all eyes will watch the cash demand. Will farmers pay \$12.00 for clover seed with corn and oats selling at panic prices? Our idea is that the trade will enjoy a good demand and stocks of seed in surplus markets will be readily absorbed.—The C. A. King & Co.

Three Ohio Wheats Immune to "Take-All."

Gladden, Portage, and Trumbull, three varieties of winter wheat developed at the Ohio Experiment Station, have been found by the U. S. Dept. of Agriculture to be immune from the "take-all" disease now spreading in Indiana and Illinois.

These varieties are among a list of 39 highly resistant to the disease which also include other Ohio grown varieties; namely, Fulcaster, Fultz, Gypsy, Gold Coin, Nigger, Poole, Mediterranean and Rudy.

So far "take-all" is not known to occur in Ohio but search for it is to be conducted by the Experiment Station during the spring months.

Seed Labels Required in Iowa.

The Iowa Agricultural Seed Law, which became effective July 1, and which was published on page 136 of the Journal for July 25, requires that labels shall be placed upon parcels of seed offered for sale, these labels to give certain information required under the law.

All seeds listed under Sec. 1 of the law require the following label:

Name of seller; name of seed; net weight; total percentage of weed seed; noxious weeds, percentage; percentage of germination; date of test.

Noxious weeds to be named when in excess of the percentages stated in Sec. 3a of the law.

The following information must be given on the label for mixtures of alsike and timothy, alsike and white clover, alsike and red clover and red top and timothy when sold in lots of 10 lbs. or more.

Name of seller; mixture of; percentage of each kind of seed in the mixture; net weight; percentage of weed seed; percentage of noxious weeds; germination, stated separately for each kind of seed in the mixture; date of test.

Special mixtures sold in packages 8 oz. or larger must have the following label:

Name of seller; mixture of; percentage of each kind of seed in the mixture; net weight; percentage of weed seed; percentage of noxious weeds; percentage of inert material.

Field corn is required to have the following label:

Name of seller; name of seed; percentage of germination; date of test; county and state where grown.

All labels should be printed, but if written they must be plain and legible, and W. B. Barney, state dairy and food commissioner, has suggested to the trade that a different colored tag be used on special mixtures. The size of type is not specified.

Agricultural seeds offered for sale in bulk must have a placard displayed giving the facts required for the label on package goods; or, in lieu of such placard, a printed or written statement may be furnished the purchaser.

Acclimated Varieties Best.

The 22nd Biennial Report of the Kansas State Board of Agriculture for 1919-1920 contains an exhaustive study of the varieties of corn of Kansas made by C. C. Cunningham, of El Dorado. One conclusion drawn by Mr. Cunningham is that as a rule thoroughly acclimated corn outyields recently introduced corn, and that the longer corn is grown in a given locality the greater is its superiority.

Comparisons made on the agronomy farm at Manhattan during the 7-year period, 1903 to 1909, show that with but one exception the seed produced in Kansas outyielded that introduced from other states. The average yield was 6½ bus. per acre in favor of the home grown seed.

Similar results were obtained in variety tests conducted in co-operation with farmers in the eastern part of the state, in which acclimated seed of certain varieties was compared with seed of the same varieties introduced from other parts of the state. In a majority of the tests the home grown corn was originally obtained from the same source from which the introduced seed came. During the period, 1911 to 1916, fifty-five comparisons were made and for every season the home grown seed outyielded that introduced from 2½ to 5 bus. per acre.

These results tend to show that the general opinion among farmers that it is advisable to obtain new seed every few years is an erroneous one. Where the variety is inferior or no effort has been made to select the seed properly year after year it is advisable to change seed; and in such cases it will pay to obtain good seed from a nearby farmer whose soil is similar and who selects his seed. If the only acclimated seed obtainable is low in

vitality or quality he should choose good seed grown as near home and under conditions as nearly like those under which it will be planted as possible.

Every farmer should select and save his own seed as the corn grown on his farm is likely to be better suited for planting thereon than that grown elsewhere.

To Enforce Montana Seed Law.

Acting under authority conferred by the Act creating the State Dep't of Agriculture, that dep't will, beginning with 1922, take up the enforcement of the Montana state seed law. The law, which became effective Jan. 1, 1914, has never been enforced.

The act provides that all agricultural seed offered for sale as seed in quantities of one pound or more shall be labeled with a tag containing name of the seed, germination percentage, percentage of noxious weeds, percentage of dirt, sand, broken or shriveled seeds, sticks, chaff and other inert matter, name of county in which grown and name and address of dealer.

The term agricultural seed covers all classes of grain and grass, but the act applies only to such seed as is sold for the purpose of seeding and does not apply to persons selling agricultural seeds direct to merchants or farmers or to be cleaned or graded before being offered for sale for the purpose of seeding or to be exported out of the state, which seed should be labeled "not clean seed."

Corn Breeding Experiment at University of Illinois.

Probably the longest of corn breeding experiments is being conducted at the agricultural experiment station of the University of Illinois. It has been continued for 25 generations, with records continuing unbroken from the beginning.

From a single variety of corn, 4 different compositions of grains have been evolved. The protein content of the original was 10.92%. In one derivative this has been increased to 14.7%, while in another it has been decreased to 6.46%. The original contained 4.7% oil; last year's production of one corn showed 9.05% oil while another had only 1.77%.

Starting with a single eared variety, fourteen years of selection culminated last year in stalks 85% of which bore 2 ears, with an apparent small increase in yield. Selections have also been made for height of ears, and for erect and declining ear strains. In last year's crop the high ears were 84 inches from the ground and the low 15 inches; while the erect ears stood at 26 degrees from the perpendicular and the declining ears hung at 131 degrees.

Receipts and Shipments of Seeds.

Receipts and shipments of seeds at the various markets during October, compared with October, 1920, were as follows:

FLAXSEED.				
	Receipts		Shipments	
	1921	1920	1921	1920
Chicago, bus.	43,000	136,000	.....	9,000
Duluth, bus.	566,852	996,579	894,135	424,310
Ft. William, bus.	237,727	456,958	849,348	179,504
Milwaukee, bus.	140,769	112,980	20,595	2,633
Minneapolis, bus.	1,191,540	1,477,720	162,830	211,490
CLOVER.				
Chicago, lbs.	1,235,000	969,000	784,000	322,000
Milwaukee, lbs.	385,433	205,702	1,726,286	291,692
New York, bags.	1,570	2,319	9,791	7,398
Toledo, bags.	8,462	5,870	1,485	712
TIMOTHY.				
Chicago, lbs.	4,586,000	5,676,000	3,780,000	2,154,000
Milwaukee, lbs.	947,239	14,810	290,077	108,210
New York, bags.	2,332	2,981	.....	603
Toledo, bags. ....	.....	.....	663	7,950
OTHER GRASS SEEDS.				
Chicago, lbs.	2,445,000	2,598,000	846,000	480,000
KAFFIR AND MILO.				
Kansas City, bus.	209,000	123,200	182,000	78,000
Los Angeles, cars.	4	3	.....	.....
St. Louis,	54,500	30,200	44,250	18,710
Wichita, bus.	4,800	2,000	4,800	2,000
OTHER SEEDS.				
San Francisco, beans, sacks.	90,416	59,624	.....	.....

The purpose of the experiment is to test the principle of continuous selection, and one result has been that a new strain yielded an average of 55 bus. per acre alongside standard Reid's yellow dent that yielded 51 bus.

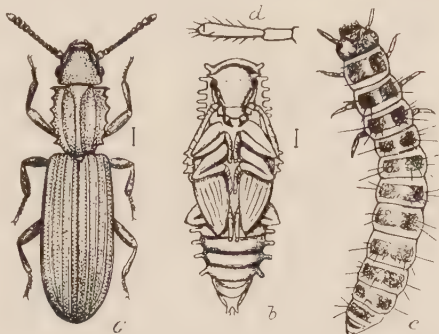
Somewhat similar experiments are being carried on with small grains, and a turkey red wheat known as 10-110 has been found to yield 6 bus. per acre over its predecessor in a 5-year average.

The Bran Bug in Grain.

Much of the grain received at the northwestern markets on this crop has been infested with "bran bugs", a name applied indiscriminately to several different beetles, not weevil, found in flour and cereal products as well as grain.

The "bran bug" of itself is not very destructive to grain. It usually follows up the work started by a weevil in cutting the grain kernel. In mill products, however, it is very destructive unaided.

Two years ago the "bran bug" was common



The Bran Bug. a, Beetle; b, Pupa; c, Larva; all enlarged. d, Antenna of Larva, more enlarged. After Chittenden, U. S. Dept. of Agriculture.

in Ohio and during the early part of the crop movement many carloads of oats were graded down to sample on the general application of the federal grain standards with regard to grading wheat containing live weevil. On account of the hard husk of the oat kernel the bug is practically harmless, and the Dept. of Agriculture ordered the practice of grading down oats on account of the bug stopped.

In Chicago elevators at present are large quantities of oats known to be infested with bran bugs and intended to be held for winter storage, but the owners express no alarm, expecting no damage. They will keep the grain under a little closer observation.

While the term "bran bug" is applied to almost any small beetle and has no scientific application to any single species, the insect giving the trouble this season in the Northwest and commonly called the "bran bug" is the saw-toothed grain beetle. *Sitona surinamensis*, shown in the engraving herewith.

The saw-toothed beetle is only one-tenth of an inch long, slender, much flattened, and of a chocolate-brown color. The antennae are clavate, or club-shaped, and the thorax has two, shallow, longitudinal grooves on the upper surface and bears six minute teeth, like those of a saw, on each side. The larva is nearly white, with darker markings. It has 6 legs and an abdominal proleg, and is exceedingly active, running about, nibbling here and there.

The bran bug may be killed by the use of heat or by fumigation with vapors of bisulfid of carbon, hydrocyanic acid gas, paradichlorobenzene or chloropicrin.

In other grains than wheat the U. S. Dept. of Agriculture does not rule against grain containing the bugs. In grading wheat, however, the federal grain supervisors will disregard 4 or fewer of the bran bugs in an average probe sample of 2 quarts. On live weevil the limit is one insect, so that 2 weevil or 5 bran bugs put wheat into sample grade. Oats are not graded down to sample on account of bugs unless containing 15 to 25 of the bran bugs.

Memphis Adopts Grain Sorghum Standards.

The Memphis Merchants Exchange recently adopted the grades for grain sorghums which had previously been put in force in several other markets and by the inspection departments of certain states.

These grades provide for 10 classes of grain sorghums, as follows: Kafir, milo, durra, feterita, darso, Freed sorgo, kaoliang, Shrock kafir, shallu and mixed. Kafir is further divided into the subclasses, White kafir and kafir; milo into Yellow milo and milo; and durra into White durra and durra. Hybrids between the classes are considered as grain sorghums, and mixtures containing not more than 35% of nongrain sorghums also fall under the general heading of grain sorghums.

Weevily and smutty grain sorghums are to be graded and designated according to the requirements of the grade applicable if the defect were not present, and there is to be added to the grade designation the word "Weevily" or "Smutty", as the case may be.

All determinations of weight, percentage, etc., are to be made in the manner prescribed for grading other grains. The No. 2½ sieve used for sand, dirt and finely broken kernels has round holes 2½ sixty-fourths inch in diameter. The No. 8 sieve for determining total foreign material and cracked kernels has triangular perforations eight sixty-fourths inch long on each side of the perforation.

The requirements for the grades are shown in the following table:

Grade requirements for grain sorghums:

Grain No.	Condition and general appearance.	Minimum test weight per bushel	Maximum limits of—							
			Moisture content.		Damaged kernels.		Other grains.		Foreign material and cracked kernels.	
			Total	Heat-damaged (grain sorghum or other grains)	Total	Heat-damaged (grain sorghum or other grains)	Total	Nongrain sorghum	Total (No. 8 sieve)	Sand, dirt, finely broken kernels (No. 2½ sieve)
1*	Shall be cool and of natural odor and good color.	55	14	2	0.2	3	1	3	0.5	
2	Shall be cool and of natural odor and may be slightly discolored.	53	15	5	0.5	5	3	6	1.0	
3	Shall be cool and of natural odor and may be discolored.	51	16	10	1.0	7	5	10	2.0	
4	Shall be cool and may be musty, sour, or badly discolored.	49	18	15	3.0	10	10	15	3.0	

Sample Grade: Shall be White kafir, kafir, Yellow milo, milo, White durra, durra, feterita, darso, Freed sorgo, Brown kaoliang, Shrock kafir, shallu, or mixed, respectively, which does not come within the requirements of any of the grades from No. 1 to No. 4, inclusive, or which has any commercially objectionable foreign odor, or is heating, hot, or otherwise of distinctly low quality.

* Grade No. 1 for White kafir and White durra shall consist of 95 per cent or more of white kernels, including other classes and nongrain sorghums.

* Grade No. 1 for Yellow milo shall consist of 95 per cent or more of yellow kernels, including other classes and nongrain sorghums.

CORN SYRUP has been made from 20 varieties of sweet and field corn stalks at the University of Minnesota. The state has made a 2-year appropriation of \$5,000 each year for the work.

ERGOT, which has long been known as a disease of rye, and which occasionally infects wheat and other grasses, has been observed in North Dakota as a destructive disease of wheat.

SPAIN has changed the duty on barley imports from 4 pesetas per 100 kilos to 2 pesetas per 100 kilos. The duty on cereals (other than barley, rice, wheat, corn, and millet) has been reduced from 8 pesetas per 100 kilos to 4 pesetas per 100 kilos, while chick-peas will be dutiable at the rate of 4 pesetas per 100 kilos instead of 6 pesetas per 100 kilos. These duties are in effect from November 1, 1921, and apply to all goods not having left the port of origin on that date.

Feedstuffs

PALMYRA, Mo.—The feed mill of Ben Shilling burned recently, the fire originating in the engine room and destroying the entire plant.

THE FALL MEETING of the Mutual Millers and Feed Dealers Ass'n was held at Olean, N. Y., Oct. 21. The next meeting will be held in Buffalo in January.

BRIGHTON, COLO.—The plant of the Western Alfalfa Milling Co. burned Oct. 19. Among other alfalfa products, molasses feed was manufactured at the plant.

THE ANNUAL MEETING of the American Corn Millers Federation will be held in the Congress Hotel, Chicago, Nov. 28-29. The program is to be announced later.

MUSKOGEE, OKLA.—Armstrong & Vann have taken over the feed warehouse and business formerly operated by the Atkinson Hay & Feed Co. The plant is to be remodeled and enlarged.

TORONTO, ONT.—C. A. Tregillus, formerly with T. F. Harcourt, grain commission merchant, has entered the employ of the Blatchford Calf Meal Co. of Canada, succeeding George B. Curran.

AT THE ANNUAL MEETING of the North Eastern Pennsylvania Feed Dealers Ass'n at Tonawanda F. A. Wyckoff was elected pres., Fisher Wells, vice-pres., F. F. Snyder, treas., and Seth H. Dayton, sec'y.

ARDMORE, OKLA.—Walter F. Lindsay has taken over a peanut and pecan mill, completed several months ago, and will organize a company to operate the plant in the manufacture of stock feeds and other products from peanuts and pecans.

HAMMOND, IND.—The Chicago Feed & Fertilizer Co. filed voluntary petition in bankruptcy recently, scheduling assets of \$100,000 and liabilities of \$150,000. Petitioners asked that the receiver appointed be authorized to operate the plant until the case is disposed of.

REDUCED freight rates have been granted on coconut cake and meal and other copra products. The reductions range from 12½% to 30% of former rates, and apply from Pacific coast points to points east of the Mississippi River and to Illinois and Indiana.

TERRE HAUTE, IND.—Ray Greene Jencks, who established the business now operated by the American Hominy Co., died recently. Until failing health compelled his retirement several years ago, Mr. Jencks was manager of the local plant of the American Hominy Co.

MONROE, WIS.—The Henry Solomon Coal & Iron Co. is erecting a feed mill adjoining its feed warehouse. The new building is 2 stories with basement. It is equipped with complete feed grinding equipment, which was furnished by the Barnard & Leas Mfg. Co., and the total investment in the improvement is about \$10,000.

MEMPHIS, TENN.—The Memphis Cottonseed Products Co. has purchased and is now operating the feed mill which has been held under lease by the Roberts Grain Co. Only cotton-

seed feed products will be manufactured, and additional buildings, with new equipment, are soon to be erected. A. C. Roberts is pres. of the company, Edward Rice, vice-pres., and S. Hutchinson, sec'y-treas.

CHICAGO, ILL.—The Prairie State Milling Co. has been incorporated with capital stock of \$100,000 to succeed a partnership of the same name. The company will continue all the business of the old company, and new machinery is now being installed to increase the manufacturing capacity. H. J. Good is pres., W. F. Chamberlain, vice-pres. and director of sales, and F. J. Lodeski, sec'y-treas.

FORT SMITH, ARK.—The molasses feed manufacturing plant of the Best-Clymer Mfg. Co. was damaged to the extent of \$35,000 by fire recently. Three silos, the engine room, a drying room and part of the stock were destroyed. The company is a subsidiary of the Temtor Products Co. of St. Louis. A spark from a passing switch engine, falling into a car of dry sorghum cane, is believed to have started the fire.

Meeting of Feed Control Officials.

The 13th annual meeting of the Ass'n of Feed Control Officials of the U. S. was held at Washington, D. C., Oct. 27-28. The Ass'n adopted a resolution calling for the appointment of a com'te to work with a com'te representing feed manufacturers and distributors in an effort to formulate a uniform label and uniform registration blank for use in the various states.

The election of officers resulted in the choice of the following persons: Pres., Dr. W. F. Hand, Mississippi; vice-pres., H. H. Hansen, Delaware; sec'y-treas., Arthur W. Clark, New York. Members of executive com'te: Dr. W. H. Strowd, Wisconsin; Dr. John K. Haywood, Washington, D. C.; Prof. L. A. Fitz, Kansas.

The standards for wheat mill feeds proposed a year ago were adopted tentatively. If adopted a year hence they will become official. In these standards, maximum crude fiber is the only factor considered. It is fixed at 9.5% for standard middlings; 6% for flour middlings; 4% for red dog; 6.5% for brown; 5.5% for gray and 3.5% for white shorts; and 8.5% for wheat mixed feed. No limit was set for bran.

Thirteen of the 49 members of the ass'n were present when the vote was taken. The millers at first opposed the fixing of standards, and later asked that they be made more liberal.

In the report of the executive com'te it was recommended that certain definitions for feeds be adopted as official. Among these definitions were the following:

Ground Barley is the entire product obtained by grinding clean sound barley, containing not less than 90 per cent pure barley and not more than 10 per cent of other grains, weed seeds and other foreign material and not more than 6 per cent fiber. Provided that no portion of this stated 10 per cent of other grains, weed seeds or foreign material shall be deliberately added.

Mixed Feed Barley is the entire product obtained by grinding country run barley containing not less than 75 per cent pure barley and not more than 25 per cent of other grains, weed seeds and other foreign material. Provided that no portion of this stated 25 per cent of other grains, weed seeds or foreign material shall be deliberately added. The ingredients must be stated as barley, other grains, weed seeds and other foreign material.

Standard Middlings consists mostly of the fine particles of bran, germ and very little of the fibrous offal obtained from the "tail of the mill." This product must be obtained in the usual commercial process of milling.

Ear Corn Chops is corn and cob, chopped, without the husk, with not a greater portion of cob than occurs in the ear corn in its natural state.

Head Chops consists of the entire head of the grain sorghum, chopped, and should bear the name of the sorghum from which it is made. This includes, among others, kafir head chops, milo head chops, feterita head chops, and sorghum head chops.

Head Stems consists of the head of the grain sorghums, from which the grain has been removed, and should bear the name of the sorghum from which it is made.

Adulteration and Misbranding.

Under the Food and Drugs Act, the following judgments have been rendered recently in the United States District Courts for the Bureau of Chemistry:

The Alvarado Cotton Oil Mill, Alvarado, Tex., labeled cottonseed meal "Crude Protein 43% to 45% and fiber 8% to 12%," the labels varying in different cases. Analysis showed 36% protein in part and 37.5% in another part, and fiber varying from 12% to 13.4%. A plea of guilty was entered. Fined \$25.

The East St. Louis Cotton Oil Co. labeled cottonseed meal, in different shipments, "36% crude protein, and crude protein not less than 41% to 43%," whereas analysis showed protein of 34.1% and 39.8% respectively, and in the case of one brand, 27% of cottonseed hulls. A plea of guilty was entered. Fined, on three counts, \$150 and costs.

The McCall Cotton & Oil Co. labeled cottonseed meal "protein 43%." Analysis showed 38.79% of protein. No claimant appearing for the property, it was ordered sold but not in violation of the law.

The Union Feed & Fertilizer Co., Pine Bluff, Ark., entered plea of guilty to information alleging misbranding cottonseed meal and was fined \$75 and costs. The analysis of samples showed a lower percentage of protein and a higher percentage of fiber than the label indicated.

A shipment labeled "Standard Middlings and Screenings, not exceeding Mill Run," was found on analysis to contain reground bran. It was consigned by the Martens & Ketels Co., Sioux City, Ia., and invoiced by Donahue-Stratton Co., Milwaukee. No claimant appeared for the property and it was ordered sold after relabeling.

The Forrest City Cotton Oil Co., Forrest City, Ark., made shipment of cottonseed meal and cake in packages which did not state the quantity of the contents on the outside. A plea of guilty was entered and a fine of \$75 and costs imposed.

The International Vegetable Oil Co., Dallas, Tex., labeled cottonseed cake "41% protein and fiber 12%," and analysis showed 38.6% protein and 13.65% fiber in one shipment and 38.33% protein and 14.5% fiber in another. A plea of guilty was entered and fine of \$25 imposed.

A plea of guilty was entered by the Planters Oil Co., Hearne, Tex., to the allegation that it had labeled cottonseed cake containing 41.5% protein as containing 43% protein. Fine of \$25 and costs imposed.

The Southland Cotton Oil Co. entered a plea of guilty to misbranding cottonseed cake which was in packages showing a net content of 100 lbs. each, whereas the actual amount was less. Fined \$100 and costs.

The Buckeye Cotton Oil Co. entered pleas of guilty in two cases charging it with misbranding cottonseed meal which contained a lower percentage of protein and a higher percentage of fiber than the labels indicated. Fined a total of \$100 and costs.

The Union Cotton Oil Co., Birmingham, Ala., labeled as "Straight Cottonseed Meal" a

Exports of Feedstuffs.

Exports of feedstuffs during September, compared with September, 1920, and for the nine months ending with September, were reported by the Bureau of Foreign and Domestic Commerce as follows:

	September		Nine months ending	
	1921	1920	September	1920
Bran and middlings, tons	4,163	254	8,489	2,593
Coconut cake & meals, lbs.	4,752,668	59,022	7,805,353	383,335
Corn oil cake, lbs.	246,932	.....	4,131,472	42,500
Cottonseed cake, lbs.	28,778,471	11,400	285,309,654	123,467,008
Cottonseed meal, lbs.	14,964,597	1,952,251	111,621,760	7,457,881
Linseed meal, lbs.	2,521,227	334,250	18,338,584	8,689,808
Linseed cake, lbs.	48,376,711	8,597,792	403,782,446	139,379,261
Millfeed, tons.	1,871	764	9,771	7,778

Feed Movement in October.

Receipts and shipments of feed at the various markets during October, compared with October, 1920, were as follows:

	Receipts		Shipments	
	1921	1920	1921	1920
Baltimore, tns	1,901	1,074	.....	.....
Cincinnati, tns	600	1,620	.....	.....
Chicago, lbs.	28,998,000	33,309,000	72,678,000	78,471,000
*Kansas City, tons	3,160	4,400	14,840	8,060
Los Angeles, cars	171	195	.....	.....
Milwaukee, tns	7,740	2,940	28,509	16,464
New York, tns	100	320	.....	.....
San Francisco, tons	90,416	59,624	.....	.....
St. Louis, sacks	106,660	103,640	140,140	135,075

*Bran.

product containing peanut shells. A plea of guilty was entered and fine of \$50 imposed.

Hales & Edwards Co., Chicago, labeled dairy feed "Protein 16% and fiber 15%," while analysis showed 12.72% protein and 18.4% fiber. A plea of guilty was entered and fine of \$100 and costs imposed.

International Hay and Grain Show Big Event.

If the yield of grain of American farms can be increased one bushel per acre the added wealth would soon wipe out the total national debt and it will cost a farmer no more to produce 15 bus. of wheat per acre than to produce 14 bus. per acre.

That, in brief, is the thought which inspires those active in the International Hay & Grain Show to be held at the stockyards in Chicago Nov. 26 to Dec. 3.

The Chicago Board of Trade has provided \$10,000 to be awarded for premiums at the Show. George S. Bridge, who is chairman of the Board of Trade committee having the matter in charge, is very enthusiastic in his opinion that the event this year will be bigger and better in every way than last year, that there will be more exhibits, both from agricultural colleges and individual farmers, and that there will be greater interest and keener rivalry.

The Show is now a fixed institution, taking its place among the agencies working for bigger and better crops.

The grain dealer should be very much interested in making each year's show a decided success, and he can render a real service in that direction by talking with his farmer patrons about it and by inducing them to enter their products for exhibition. Each dealer who knows of a farmer who has produced grain or hay of especial merit can do much to further the cause of better agriculture by inducing that farmer to send the best samples of his crops to the Show.

It is expected that there will be about 6,000 samples exhibited in the show this year, and that more than 1,000 ten-ear samples of corn will be shown. One of the features of this year's show is a Junior Corn Contest, which will be participated in by several hundred boys located in every section of the country. Another will be an exhibit showing Luther Burbank's development of corn from teosinte, a work in which he accomplished in a few years the results that it took the Indians centuries to attain.

The annual meeting of the Horse Ass'n of America is to be held in the Morrison Hotel Nov. 30, during the time of the Hay & Grain Show; and as both occur co-incidental with the International Livestock Exposition there will thus be established a period in which there will be something of interest to every person engaged in any line of agricultural activity.

Missouri Rejects Farmers' Finance Plan.

The Dep't of Finance of the State of Missouri recently refused to issue a permit for the sale of stock of the Farmers Finance Corporation in that State. The Farmers Finance Corporation is a subsidiary of the U. S. Grain Growers, Inc.

In refusing the permit, the Dep't of Finance gave the following reasons:

1. The articles of incorporation
1. Empower the corporation to traffic in its own stock;
2. Do not provide for cumulative voting at meetings of stockholders in election of directors;
3. Specifically withhold from shareholders any right to examine the books and accounts of the corporation;
4. Limit in an unwarranted manner the rights of shareholders to dispose of their holdings;
5. Provide that the number, powers, manner of election and official tenure of directors shall be regulated by the by-laws and empower the board of directors to make or alter such by-laws;
6. Deny the stockholders any right to manage the corporation or assist in the control of its affairs;
7. Permit the election as directors of persons who are not in good faith stockholders or financially interested in the welfare of the corporation.

The refusal was dated Oct. 1. Previously, on Aug. 2, Gus O. Nations, the Ass't Commissioner of Finance, addressed a communication to J. G. Hughes, the Commissioner, setting forth his specific reasons for recommending rejection of the application. The memorandum enumerates the first five objections that were later incorporated in the formal refusal and included another, as follows:

6. The articles of agreement of this concern, which is incorporated under the laws of the State of Delaware, provide for a capital issue of \$100,002,100.00 represented by two classes of stock, common and preferred, the former of no par value, the latter of the par value of \$100. The common stock, aggregating twenty-one shares, is clothed with all voting rights. The preferred stock, represented by \$100,000,000.00 investment, is specifically denied any right to participate in any manner in the control of the company's affairs.

Mr. Nations continued: "While the first five criticisms outlined constitute in my estimation sufficient cause to reject the application, they are of only slight relative importance when considered in comparison with item No. 6. This feature of the company's organic plan, in my judgment, stamps it as a blue sky stock jobbing enterprise.

"It should be remarked that the twenty-one shares of common stock which are to control the corporation's affairs in perpetuity, have already been preempted by persons primarily interested in the promotion of the enterprise. Authority is sought to sell only the preferred stock. It seems reasonable in this connection to refer to a statement made by the representative of the applicant company in his letter to the Dep't of July 7th. The statement follows: 'Permit me to call your attention to the further question of voting privileges, also right of inspection of books by individual stockholders. Pure blue sky enterprises intentionally and pur-

posely cut off these rights of preferred stockholders so far as possible.'

"I fully endorse that statement. But let us examine the organic law of the Farmers Finance Corporation. Article 4 of the company's charter in the third paragraph thereof provides the following:

"The preferred stock shall not have any voting rights nor shall the holders thereof be entitled to receive notice of stockholders' meetings."

Again:

"No stockholder holding less than ten per cent (10%) of the total preferred stock issued and outstanding, shall be entitled to examine the books of account or documents or papers or vouchers of the corporation. . . ."

"I suppose it is not necessary to remind you that in addition to qualifying this company as a blue sky enterprise under the rule laid down in the letter referred to, the paragraph last above quoted contravenes Section 11927 R.S.Mo., 1919."

FARMERS in Montana who obtained loans from the government last spring were given an extension of the loans, which originally fell due Nov. 1, in cases where they desired it and could show their wheat crop averaged 5 bus. per acre or less, or where the financial yield of other grains was the equivalent of that yield of wheat.

Kansas Elevator Collapses.

The studded, iron clad elevator of the Wheatland Elevators Co. at Collyer, Kans., collapsed and burst recently when it contained about 19,000 bus. of wheat, with the result shown in the photographs reproduced herewith.

The house was built with studs about 3 feet long extending from foundation to bin bottom sill. Shortly before the accident the manager and his helper were in the pit stopping some leaks that had developed, but as quickly as they stopped it in one place it broke out in another. Hearing a new and peculiar creaking sound, they hastily quite the pit and had just reached the driveway door when the collapse occurred at the west side of the house.

The foundation was of concrete, level with the ground. The floors within the house were about 3 feet above this foundation, resting on the short studs or legs, which were of 2x6 lumber. These legs on one side of the building twisted and gave way, permitting the structure to fall to the foundation. This distortion burst the building thru the middle on two sides from top to bottom. All the studs were 2x6 and floor joists were 2x12 and 2x14.

The photographs were taken immediately after the crash, and the building settled more during the succeeding 24 hours, the north bins bursting and spilling their contents.

Cars were obtained immediately and the spilled grain was loaded into them for salvage. The elevator is now being wrecked and a new structure will be built to replace it. It has not been decided whether to build of wood or concrete.



The First Drop Taken by the Elevator of the Wheatland Elevators at Collyer, Kan., Resulted in the Spill Shown Above.

Cloud Removed from Exchange of Price Information.

The decision by Judge Carpenter of the Federal District Court at Chicago Nov. 3 in the suit by the United States against the linseed oil manufacturers is very gratifying to the many business interests which have kept one another informed thru secretaries or information bureaus of the price quotations made by each.

Practically all of the flaxseed crushers were members of the Armstrong Bureau of Related Industries, which received daily reports of prices, stocks on hand, and sales and in turn sent out this information to all members. Thus all the sales departments of each mill were kept posted on what every other mill was doing. The crushers orally agreed to eliminate fractions of a cent in quoting; it was declared unfair to sell to one customer at a lower price than to another, and the country was divided into zones, not to keep out competitors, but to make the quotations intelligible. It was agreed that all sales should be for cash, sight draft against B/L.

The attorney-general of the United States asked the court to order the defendants not to exchange information as to prices to be charged by the defendant manufacturers. It was not a fact and nowhere was it alleged by the government that there was an agreement as to prices. There was no penalty for cutting prices. The government, alleged, that this exchange of prices had a tendency to keep up prices and to postpone reductions of prices. The method of the oil manufacturers was in no essential different from the practice in some parts of the lumber and other trades, such as the Ohio Millers Ass'n, and the decision has a bearing on the attempts of the Federal Trade Commission to forbid the operation of the "open price plan."

Judge Carpenter said, in part: The question involved is whether an ass'n, such as an Armstrong Agency (sometimes called the Open Price Plan) is obnoxious to the anti-trust laws, whether or not there is anything inherently wrong in an agreement between producers in a certain line to furnish each other their prices and not to make any sale deviating from the price-list without immediately notifying all the others.

Ass'ns of merchants and manufacturers, boards of trade and exchanges are of great antiquity. Evidently such ass'ns were not aimed at by the Sherman Act, because they are not mentioned in the act. A distinction is sought to be drawn between the operations of an exchange and what was done by the defendants thru the Armstrong Bureau. An exchange sends out reports of actual sales. The Armstrong Bureau gave out price-lists. It is difficult to understand any ground for declaring one legal and the other illegal.

If it is lawful for dealers to get together in an exchange and provide for a dissemination of the prices obtained on actual sales, why should it be unlawful for those producers and dealers in lines where no public exchange has been established, to make some provision for disseminating information of market value or prices? To put it in another way, why should they be limited to the dissemination of the market prices of yesterday, but not those of today?

In order to obtain efficiency in business, as well as in any other human activity, it is necessary to have reliable, immediate and adequate records. With the progress that has been made in the last century it is not to be expected that business alone stood still.

In the old days when at noon the business men of the community met in the village blacksmith shop, or in the evening met at the corner grocery, a man was supposed to carry in his head all the facts in regard to his business and never to disclose them to a competitor. Adequate systems of accounting had not been devised. Overhead as a cost element in operation was unheard of. Business was run by the rule of thumb. Such days have gone by. The commercial enterprise today which is not so managed that its head can at any time know how large is his stock, the volume of his sales, the cost of operation, and the amount of his profit and loss, sooner or later will be distanced by his competitors.

Must Have Knowledge to Compete.—A merchant cannot compete with another merchant unless he knows what he must compete against. A knowledge of what his competitor is charging is the first step in competition. It does not follow because one man knows the price which his competitor is asking, and he then fixes the same price, that his action is by agreement. If his competitor charges a high price he naturally

will ask the same price if he thinks he can get it. It is absurd to imagine that every merchant does not endeavor to keep posted on the prices asked by his competitor. If he fails to keep posted he will find himself losing money. If his prices are too high his customers leave him. If too low he fails to reap the profit to which he is entitled. The government cannot seriously contend that it is the duty of every merchant to guard against his competitor finding out what he is charging. It would be an impossibility. Nor is it wrong for a merchant to endeavor to find out what his rivals are charging. If he cannot get it directly and easily, he will necessarily get it indirectly and at a great expense and slowly. He must know in order to conduct his business properly; nor does the public profit by the mistakes of a merchant charging too much on the one hand or too little on the other, for want of such information. The mistakes would in all probability fall equally on either side.

Uniformity Not Conspiracy.—Quick and accurate information of what his competitors are charging naturally leads to uniformity in prices. But because one merchant charges the same price that the other merchant charges because he finds that he can get it does not necessarily indicate that there is any agreement between them to charge the same price. As the Supreme Court said in the Steel case, a uniformity in price does not prove a conspiracy.

What applies to sales for present delivery applies equally to sales for future delivery.

Counsel for the government seeks to draw an inference of guilt from the admission of defendants that the bureau allowed them to sleep nights. The only restraint which the rules of the bureau on their face impose is that the members agree not to deviate from their price lists without informing the other members at once by telegraph. At the close of each business day every member knew until the next day what the market was. It seems to me that the situation thus created is not dissimilar from that sustained by the United States Supreme Court in *Chicago Board of Trade vs. United States*, 246 U. S. 231. It is very evident that the Supreme Court does not believe that the Sherman Act should prevent men from sleeping nights.

The Armstrong Bureau was originated solely for the purpose of furnishing information not only to the linseed oil crushers but to those interested in every other industry. It was a

bureau of intelligence and one which makes for real rather than artificial competition in trade. There was no restriction placed upon any member. He was free to buy from and sell to whomever he chose. The bureau operated solely as to past transactions and wherever there is freedom of contract on the part of the constituent members there cannot be a violation of the Sherman Act.

Logic which assumes that because there is an opportunity to fix prices, therefore prices are fixed, is contrary to the genius and theory of our law. Every man is presumed to be innocent until he is proved to be guilty. If the Armstrong Bureau is to be dissolved merely because it afforded an opportunity for the members to fix prices, then this court, with equal propriety, could be asked to dissolve any lunch club where business men meet. This theory hardly warrants discussion, and I would not mention it had I not been gravely urged in this case that such was the underlying thought of the prosecution. It is the ancient fallacy—post hoc propter hoc.

The bill will be dismissed for want of equity.

ANNOUNCEMENT was made recently that arrangements have been made in London to finance the New South Wales wheat pool. Farmers will be paid a cash advance of 3 shillings per bushel on delivery to the railroad station. The pool is compulsory and one firm has been appointed to charter all ocean tonnage and to sell the grain to foreign buyers.

A COMTEE will be appointed by the War Finance Corporation for the purpose of investigating and developing plans for warehousing corn on a large scale. The thought inspiring the move is that crop records show that unusual yields do not continue indefinitely, and that the preservation of a surplus against a time of diminished production is in line with sound economic and financial policies.

Iowa Grain Dealer in State Senate.

The country has long needed more business in politics. That grain dealers are not content to "let George do it," but recognize their personal responsibility for the enactment of constructive legislation, is evidenced by the increasing number of grain men of the corn and wheat surplus States who are taking an active part in governmental affairs. Such participation in government, by men of practical experience in business, is sure to have a wholesome effect on both government and business.

The grain dealers of Iowa are to be congratulated that one of their own number, Bertel M. Stoddard, of Sloan, who has been actively identified with the grain trade in Iowa for twenty years, is in the State Senate.

Mr. Stoddard is the second son of Bela M. Stoddard, a native of New York State, who, with his parents, located in McLean County, Illinois, in 1857. In 1865 he settled at Minonk, Ill., and entered the general merchandise business, but in 1876 changed his interests to the grain business, in which he is still actively engaged in partnership with his eldest son, R. B. Stoddard.

Bertel M. Stoddard is a graduate of Illinois College, where he is still remembered as one of the star athletes of his day. After graduation he entered the grain business, and in 1901 the firm of B. M. Stoddard & Son was established at Sloan, Iowa. Mr. Stoddard has had a long and successful business career as head of this firm, operating elevators at Sloan and at Owego, Iowa.

In 1918 Mr. Stoddard was elected Senator from the Thirty-second Senatorial District, which includes the important industrial center of Sioux City. He was re-elected by a large majority for a second term, which he is now serving. He is known as a conscientious and earnest legislator, and is constantly on the alert to promote progressive and constructive legislation for the betterment of business. The scope of Senator Stoddard's activities may be judged from the following list of Senate Committees on which he is actively serving: Highways (Chairman), Appropriations, Agriculture, Public Schools, Cities and Towns, Constitutional Convention, Conservation, Motor Vehicles, Ways and Means.



Hon. B. M. Stoddard, Sloan, Ia.

Grain Trade News

Reports of new firms, changes, deaths, casualties and failures; new elevators, improvements, fires and accidents are welcome. Let us hear from you.

ARKANSAS

Texarkana, Ark.-Tex.—The Merchants Grain & Produce Co. is the new name of the Farmers Grain & Produce Co. which has just been re-organized. The new company has taken over the plant of the old one. R. G. Hyatt and S. L. Sowards are the leaders of the new organization. The Osborn-Hyatt Co. has been consolidated with the new company.

CALIFORNIA

Norman, Cal.—We lost one of our largest warehouses when the house here burned. It was 740 ft. long by 65 wide and fortunately was nearly empty at the time of the fire, only 7,000 bags of rice and grain burning. Loss was \$50,000, practically covered by insurance.—O. O. Wolcott, head of the Willows Warehouse Ass'n, Willows.

Los Angeles, Cal.—Chas. H. Reynolds of Corbin & Reynolds died Oct. 23 after an illness of less than a week with influenza and its complications. His death came as a great shock to the many who knew him. His friends and acquaintances here and thruout southern California were legion. He had served many times as a director of the exchange which adjourned as a body and attended the funeral Oct. 25. His place here will be hard to fill in the hearts of his friends and the grain trade at large.

CANADA

Strathmore, Alta.—J. G. Bell, agt. for the Bawlf Grain Co., died recently from a severe attack of bronchitis which lasted less than a week.

Castor, Alta.—E. A. Kinder, mgr. for the Farmers Elvtr. Co. at Stephen, Minn., has succeeded John McCabe as mgr. for the Farmers Elvtr. Co. here.

Toronto, Ont.—T. Flynn, who has been active in the grain trade for the last 65 years, recently celebrated his 90th birthday with the aid of his many friends. He is the dean of grain dealers in Canada and attends his office daily. He began business with L. Coffee & Co. and is the last surviving member of the firm.

Dresden, Ont.—The mill and elvtr. of Lawrence & Wakefield burned recently with a loss of \$75,000, partially covered by insurance. The elvtr. contained 10,000 bus. of wheat. This is the second serious fire the company has suffered. In January, 1919, its plant burned and they then bot the plant of the Maple Leaf Milling Co. which is the one now lost.

Berwyn, Alta.—The Gillespie Elvtr. Co. will build an elvtr. here which will be at the end of the new steel extension of the railroad. The lumber to be used in building this elvtr. will be sawed out of the forests surrounding the town by portable sawmills. Other elvtrs. will be built as soon as the Edmonton, Dunvegan & B. C. Ry. Co. completes its extensions.

FT. WILLIAM LETTER.

N. M. Paterson has announced that he will build a new elvtr. on a portion of the property he recently bot.

Parrish & Heimbecker, of Winnipeg, have bot a site from W. D. Staples and will build a new elvtr. It will stand near the Davidson-Smith Elvtr. and will be equipped with the latest and best machinery.

The new addition to the elvtr. of the Northwestern Elvtr. Co. here is now under construction and will consist of 60 concrete tanks, 22 ft. in diameter and 95 ft. high. The entire capacity of the elvtr. when this is completed will be 900,000 bus. The estimated cost of the addition is placed at \$700,000. Much new and up-to-date machinery will be installed.

D. L. Bole, of the Bole Grain Co., has been here for some time winding up the affairs of his company in connection with the sale of the Muirhead-Bole Elvtr. but has now gone to Winnipeg. The Bole flour, feed and sacked oats business will be continued here under the management of Burns McKenzie.

WINNIPEG LETTER.

D. L. Bole is now connected with the offices of the Bole Grain Co. of which F. H. Bole, formerly of Ft. William, is mgr.

The Gooderham-Melady Co. is putting the old Transcona Elvtr. into shape to handle grain. The house is being thoroly cleaned out and will be opened shortly if the situation demands it.

COLORADO

Deertrail, Colo.—The Farmers Union Elvtr. Co. incorporated for \$20,000 by A. Peterson and J. C. Ballard.

Wray, Colo.—We have completed our 35,000-bu. elvtr. and it is in operation.—G. Roller, Jennings & Roller.

Hyde, Colo.—Verle Carpenter is mgr. for the Yuma Farmers Milling & Merc. Co.—John Hamlin, agt., Shannon Grain Co.

Montrose, Colo.—We have not let contract for our elvtr. yet and will probably not complete our arrangement this winter.—Ben. H. King, county agt., Farm Buro.

Akron, Colo.—We overhauled our elvtr. extensively. Put in new blower, car puller, 10-h.p. motor and gave the rest of the machinery a general overhauling.—Washington County Farmers Union.

Cheyenne Wells, Colo.—We did not build an elvtr. at Cheyenne, Wyo., as reported but started one here and sold it to the Summit Grain Co., of Denver, before we had completed it.—O. M. Kellogg Grain Co., Denver.

IDAHO

Pocatello, Ida.—It is expected that a branch of the inspection department of the Ogden Grain Exchange will be established here.

ILLINOIS

Reynolds, Ill.—We expect to be able to run the elvtr. a part of the time.—Wayne Bros.

Mt. Pulaski, Ill.—We have nearly completed a 25,000-bu. cribbed elvtr. here.—Krautz & Maus.

Hume, Ill.—Claude Turner is again with the National Elvtr. Co. and will buy grain here for them.

Pierson, Ill.—S. H. Baker is mgr. for the Pierson Grain & Supply Co. succeeding L. E. Edwards.

Fillmore, Ill.—We recently increased our capital stock from \$20,000 to \$30,000.—Farmers Co-op. Ass'n.

Peoria, Ill.—The Gardner B. Van Ness Co. has reopened its office in this city. Thos. O'Laughlin is mgr.

Crossville, Ill.—Igleheart Bros. are building an elvtr. here. The house will replace the one that burned recently.

Odell, Ill.—I am building a 75-ton coal shed with concrete foundation and floor.—C. A. Vincent, C. A. Vincent Co.

Mahomet, Ill.—I am now located at Knoxville, Ill.—Harley Woolsey, formerly mgr. for Harley Woolsey & Co. here.

Barclay (Buffalo Hart p. o.), Ill.—The Farmers Elvtr. Co. is building a new elvtr. here.—Kautz & Maus, Mt. Pulaski.

Dwight, Ill.—We will build a 40,000-bu. concrete elvtr. to replace the one burned Sept. 26.—C. J. Schafer, mgr., Farmers Co-op. Elvtr. Co.

Mayview, Ill.—The farmers never organized the company they did so much talking about and have never built or bot an elvtr.—H. T. Walton.

Decatur, Ill.—All repairs necessary as a result of our fire, July 31, are completed and plant was started early this month.—Shellabarger Elvtr. Co.

Malta, Ill.—The new elvtr. of Geo. E. Ollman is rapidly nearing completion and is to be ready for operation Dec. 1. It replaces the house burned Aug. 9.

Culton (Mendota p. o.), Ill.—The elvtr. of W. H. Marks was entered by thieves recently and Mr. Marks lost some valuable papers and a watch. The safe was unopened.

Montgomery, Ill.—Our elvtr. here was completed some time ago and is in operation. John Vole is mgr. of the house.—John E. Erickson, supt., Stk. Yards, C. B. & Q. Ry. Co.

Randolph, Ill.—Geo. W. Gelsthorpe is now mgr. for our elvtr. Our elvtr. has been repaired and is in first class condition for the new crop.—Randolph Co-op. Grain Co.

Steward, Ill.—Shearer & Son took over and now operate the elvtr. of the defunct Farmers Elvtr. Co. Floyd Shearer is mgr.—J. R. Reynolds, mgr. for 8 years for Armour Grain Co.

Wing, Ill.—Our books have been closed for an audit.—Wing Grain Co. (The elvtr. is said to be full of grain but if sold now it would be at a loss. The audit will be for the last 5 years.)

Chester, Ill.—The H. C. Cole Milling Co. let contract Oct. 24 for a 350,000-bu. concrete elvtr. to be built adjacent to the mill. The house will have 48 bins. The foundation work will be done this fall.

Woodland, Ill.—The Farmers Co-op. Elvtr. Co. has completed its new 40,000-bu. elvtr. and is taking down the old house. The lumber will be used to rebuild the lumber sheds, etc. P. L. Jarvis is mgr.

Henry, Ill.—J. W. Abbott of Chandlerville has bot a half interest in the elvtr. of the Turner-Hudnut Co. and will come here to take charge. Chas. Greenlee, mgr. for the elvtr. for the last 7 years, will retire.

Walker, Ill.—I have only bot the plants here. These were formerly owned by list of owners published in the Oct. 25 number of the Journal. The F. M. Robertson Grain Co. being seller to me.—Homer Anderson.

Tremont, Ill.—The Tremont Grain Co. is improving its elvtr., putting in a new driveway, new spouting, new storage bins and a dump. The whole elvtr. has been overhauled and is in A No. 1 shape. Chris. Knapp is mgr.

Humbolt, Ill.—The elvtr. of Cuppy Bros. has been completed and is in operation. The elvtr. of the Wheatley Grain Co., which is being thoroly overhauled and new dumps installed, will be in good condition again in a few days.

Ridge Farm, Ill.—I am owner of the Frank Jones Grain Co. and am sole prop., having taken over Elvis Weather's interest. He is owner at Newman, having taken over my interest there so that he is sole owner of the Elvis Weathers Grain Co.—Frank Jones.

Manito, Ill.—A. E. Cox, buyer here for the Turner-Hudnut Co., is dead. Mr. Cox was returning from a visit in Chicago and had stopped off at Peoria. As he alighted from a street car he was stricken and was dead before any one reached him. He had a host of friends here who deeply mourn his sudden passing.

Chicago Heights, Ill.—Walter W. Smith, pres. of the Leising Grain & Lumber Co., was instantly killed Nov. 7 when his automobile was struck by one of the fast trains on the Big Four at a crossing in Richton. He is survived by his wife and 5 children and was 44 years old. His automobile was hurled a distance of 40 ft. from the track.

Clifton, Ill.—The office of R. R. Meentz & Sons was gutted by fire at 4 a. m., Sept. 2. No flames were at any time visible but clouds of smoke poured out of the doors and windows for a long time. When investigation could be made it was found that a large hole had been burned in the floor and that everything left on desks or tables was ruined. The adding machine was junk, the typewriter, checkwriter, etc., destroyed altho the desks were not badly burned. About \$25 in silver was melted into a lump.—Harold R. Meentz, mgr.

Hillery (Danville p. o.), Ill.—Fred W. Oakwood has bot the elvtr. of C. B. De Long here.—Fred W. Oakwood, Rural Route No. 1, Danville.

CHICAGO NOTES.

Memberships in the Board of Trade are quoted at \$6,850 net to buyer.

The ban on Argentine grain quotations on the Board of Trade has been lifted.

The rate of interest on advances for the month of November has been fixed by the finance comite at 7%.

Memberships posted for transfer on the Board of Trade are: F. T. Bedford, H. L. Arnold, L. N. Miller, D. S. Stone, Frank Fowler, Jno. A. Seymour, Walter G. Hall, E. M. Samuel and Harry B. Watson.

New members of the Board of Trade are John F. Carey, Henri R. Davis, Harold P. Trusler, Harold Tobey, Ben S. Lang, C. A. Terrill, O. T. Anderson, Stephen Burke, Frank L. Carey, A. L. Moore, R. H. Upsall and T. D. Southworth.

Mark Mason, a well known member of the Board of Trade, died Nov. 5 at the home of his brother in Highland Park. Mr. Mason came to this city in 1894, engaging in grain business. He retired last January and was 62 years old at the time of his death.

Brosseau & Co., one of the oldest grain firms in the city, has been dissolved. The company was founded in 1864 by Z. P. Brosseau. Since his death Louis, his son, has carried on the business. Mr. Brosseau, Jr., has been elected an executive officer of the J. Rosenbaum Grain Co. and decided to abandon the old firm.

I was formerly supt. of the N. Y. C. Terminal Elvtr. at Schneider, Ind., and remained as mgr. when the Taylor & Bournique Co. bot the house. In June, 1920, the firm sent me to Streator to open a branch office for them there and I stayed with them until I succeeded M. Shultz at the Santa Fe Elvtr. at Chicago.—F. A. Grotevant. (Mr. Shultz is now supt. of the Murray Elvtr. at Kansas City, Mo.)

Thos. and Wilbur Keelin, members of T. W. Keelin & Co., pleaded guilty Nov. 7, of conspiracy to defraud by making short weight deliveries by means of fictitious weight tickets. Wilbur Keelin admitted on the stand that the practice had been going on for the last 12 years. They were expelled from membership in the Board of Trade Mar. 10 last. This prosecution was due to investigation by honest dealers who found themselves unable to compete in price.

INDIANA

Milan, Ind.—H. H. Crum has completed his new elvtr.

Pleasant Lake, Ind.—We are successors to T. L. Ferris at this station.—Stebens Grain Co.

Cyclone, Ind.—We may sell out our grain business.—Stevenson & Bergen Grain Co., Frankfort.

Mooreland, Ind.—We have succeeded the Stafford Grain Co.—Sam'l F. Scott, mgr., Moreland Co-op. Co.

Philadelphia, Ind.—I have sold my elvtr. here to R. E. Whitaker, of Greenfield, Ind.—Geo. O. Dunn, Greenfield, R. F. D. 6.

Lapel, Ind.—The Lapel Lumber & Grain Co. was incorporated for \$60,000 by H. H. Bushong, J. C. Gobey and G. C. Fisher.

Winamac, Ind.—The Co-op. Elvtr. Co. has leased the feed barns and other property known as the Baker property and will use it.

Evansville, Ind.—John K. Jennings, pres. of the Diamond Mills, bot the property of W. H. Small & Co. for the mills.—Diamond Mills.

Huntingburg, Ind.—The Wallace Milling Co., which has just completed a large concrete elvtr., will build a new 300-bbl. mill at once.

Sidney, Ind.—We have not built an elvtr. yet.—E. E. Circle, sec'y, Sidney Grain Co. (Company was reported ready to build over a year ago.)

Sullivan, Ind.—The Farmers Union Elvtr. Co. has been closed about 30 days. A meeting of the creditors was held here Nov. 7.—Sullivan Mill & Elvtr. Co.

Maxwell, Ind.—We have succeeded Brandenburg & Carlton here. The members of our firm are Baxter McBane, Houston A. Cranfill and myself. I am mgr. of the company which will be operated as the Maxwell Grain Co.—G. B. McBane. (Messrs. Brandenburg and Carlton died in the last two years.)

Flat Rock, Ind.—Martin Cutsinger, of Edinburg, has leased the elvtr. of Nading Bros., known as the Flat Rock Elvtr., and I will be mgr.—W. R. Nading.

Larwill, Ind.—The Farmers Shipping Ass'n has never had an elvtr. here altho there has been some talk of building. We have at present the only elvtr. here.—Hull Bros.

Terre Haute, Ind.—Ray. G. Jencks, who founded the business now operated by the American Hominy Co. and who was mgr. here for many years, is dead at the age of 74.

Jamestown, Ind.—The entire property of the Farmers Elvtr. Co., including the elvtr. and equipment, dwelling house for mgr., and flour mill and equipment, will be sold by Receiver Marion H. Roberts, Dec. 1.

Warsaw, Ind.—In regard to the bankruptcy: A man sued two other men who were at one time connected with the mill for some individual notes but they have nothing to do with the mill.—Warsaw Mill & Grain Co.

Hamlet, Ind.—The elvtr. of Arndt & Wein-kauf was recently entered by thieves who took feed, flour, etc. Unfortunately, one bag of flour sprung a leak and left a clear trail to the house of the culprit where search is alleged to have revealed all of the loot.

Brownsville, Ind.—John Franklin Lingeman, one of the owners of the Brownsville Milling Co., which operated its elvtrs. as the Lingeman-Adams Co., died from the effects of an appendicitis operation, Oct. 19, at a hospital in Indianapolis. He is survived by a daughter and by a son who will succeed him in the business.

Howell, Ind.—We have bot the warehouse of A. Waller & Co. and as it had elvtr. facilities we are installing an automatic scale, Bowsher Grinder, Western Sheller, cleaner and oat clipper. We have all the machines except the clipper. W. H. Danes is ass't mgr. to W. R. Stout who operates the business.—Southern Grain Co.

IOWA

Ashton, Ia.—The Farmers Elvtr. Co. has installed a new scale in its elvtr.

Bridgewater, Ia.—The Farmers Co-op. Co. will build a new and up-to-date elvtr.

Bedford, Ia.—The Farmers Elvtr. Co. will carry oil, grease, etc., as a side line.

St. Ansgar, Ia.—C. E. Kittleson, a mgr. of the Farmers Lumber & Grain Co., is dead.

Ness City, Kan.—The elvtr. of the Farmers Co-op. Co. is complete and W. H. Poling is mgr.

Auburn, Ia.—Richard Welsh has succeeded M. P. Typper as mgr. for the Farmers Grain Co.

Cedar Falls, Ia.—P. A. Lund has succeeded Walter Hoff as mgr. for the Farmers Co-op. Elvtr. Co.

Ireton, Ia.—M. Adams of Maurice has succeeded J. J. Hemingson as mgr. for the Farmers Elvtr. Co.

Clearfield, Ia.—The new elvtr. of the Farmers Elvtr. Co. was completed last July. A. N. Beatty is the present mgr.

Knoxville, Ia.—The Farmers Co-op. Exchange has enlarged its warehouse and will add salt and mill feeds as side lines.

Latimer, Ia.—The Farmers Grain Co. has amended its articles of incorporation and now has a capital stock of \$40,000.

Independence, Ia.—C. H. O'Neill has succeeded F. Z. Hale as mgr. for the Farmers Co-op. Co. Ervine Meythaler is ass't mgr.

Estherville, Ia.—The branch office of Harper & Sons here has been closed and J. W. Purkins, mgr., has been transferred to the Perry office.

Atlantic, Ia.—J. J. French, formerly on the road for the Trans-Mississippi Grain Co., is now representing C. H. Thayer & Co., of Chicago, here.

Adair, Ia.—Wm. Albers, formerly with the Albers Grain Co. at Omaha, who has been acting mgr. of the Davenport Elvtr. Co. here, has been made permanent mgr.

Joyce, Ia.—The safe in the office of the Farmers Elvtr. Co. was blown open by thieves lately but only the manager's revolver rewarded the efforts of the burglars.

Popejoy, Ia.—One of the elvtrs. here was gutted by fire Oct. 31. A crossed wire is blamed for the damage. The entire woodwork of the elvtr. was burned, the machinery spoiled by the intense heat and the grain water soaked.

Tama, Ia.—R. L. Friend mgr. for the Farmers Elvtr. Co. here, was not the former mgr. at Dayton, as R. A. Friend is and has been mgr. there for some time.—Farmers Elvtr. Co.

Scranton, Ia.—The Farmers Elvtr. Co. suffered a fire loss recently when an overloaded motor started a blaze in the top of the elvtr. Hand extinguishers saved the building.

Dayton, Ia.—R. A. Friend is still our mgr. The report that R. L. Friend, now mgr. for the Farmers Elvtr. Co. at Tama, was our former mgr. is erroneous.—Farmers Elvtr. Co.

Inwood, Ia.—"By reason of losses and unforeseen events" the Farmers Elvtr. Co. on Oct. 2, 1920, made an assessment of \$100 against Ole Johnson, a stockholder, which he failed to pay, and just a year later the company got an attachment against Johnson for the \$100 assessment.

Waterloo, Ia.—Judge E. B. Stiles acquitted J. W. Petticord, formerly mgr. for the Cedar Falls Union Mill Co., charged by his company with larceny of its funds, on the grounds that no man can be convicted on his confession alone but there must be some direct corroborative evidence.

Swea City, Ia.—The elvtr. of the Farmers Elvtr. Co. and that of Geo. S. Lederman were threatened with destruction when fire originating in a huge feed barn, Oct. 22, practically swept the town. Bucket brigades and constant watching were all that saved either house, both catching fire a number of times.

Davenport, Ia.—We are concentrating all our efforts in enlarging our shipping business from this point and as it is too far away from our South Dakota stations to operate them advantageously from here we leased a number of them to the Western Elvtr. & Grain Co.—Merchants Elvtr. Co., H. D. McCord, pres.

Marne, Ia.—Clarence Squires, mgr. for the Farmers Co-op. Grain Co., left town Oct. 26 to make a trip to one of his farms near here. Since then he has not been seen and no trace of him can be found. His books at the elvtr. are in the hands of auditors but it is reported no discrepancies have been found. His many friends and his wife and two little daughters are greatly worried.

Tingley, Ia.—Work has been commenced on the new elvtr. for the Farmers Union Co-op. Co. It will be 26x42.4 and 72 ft. high, with a 12 ft. cement basement 24x26 ft. A 9x14 concrete engine room will be built entirely detached from the elvtr. The Van Ness Constr. Co. has the contract and the house will be electrically equipped. The building is to be cement, 4 ft. above the ground, and from there on will be of frame with metal covering. The new house will be on the site of the one burned during August. The new office and the warehouse are practically completed and as soon as they are will be used until the elvtr. is finished.

KANSAS

Cornith, Kan.—The Vos Grain Co. has completed its elvtr. here.

George, Ia.—The Farmers Elvtr. Co. has installed a 10-ton truck scale.

Alida, Kan.—Wm. Bauer has commenced to rebuild his elvtr. burned Oct. 1.

Junction City, Kan.—Thos. J. Hogan is now mgr. for us.—Hogan Milling Co.

Manhattan, Kan.—The Liberty Milling & Ice Co. is out of business here.—M. S. U.

Humboldt, Kan.—The Elvtr. Mills have been recently purchased by W. L. Drake.

Elkhart, Kan.—F. B. Carr has succeeded J. L. Davis as mgr. for the Equity Exchange.

Lebo, Kan.—The new elvtr. of the Grangers Co-op. Ass'n will be completed in a few days.

Ashland, Kan.—We bot the elvtr. of the Farmers Grain & Supply Co.—Wallingford Bros.

Belleplaine, Kan.—The Chalfant Grain Co. has installed a 10-ton wagon and truck scale in its elvtr.

Coats, Kan.—The Farmers Elvtr. Co. is now building its office for the new elvtr. which it will build later.

Wakeeney, Kan.—The new elvtr. of the Robinson Grain Co. has been completed. W. L. Dillinger is mgr.

Clearwater, Kan.—We have succeeded the Farmers Elvtr. & Supply Co. and now operate on the co-op. plan. Geo. G. Griffin is mgr.—Farmers Co-op. Elvtr. Co.

Atwood, Kan.—C. W. Miner, who in July sold his elvtr. to Geo. W. Bastian, is now located in Denver, Colo.

Kansas Falls (Junction City p. o.), Kan.—A 15,000-bu. frame elvtr. will be built by Jesse Mullins on his farm near here.

Oberlin, Kan.—The elvtr. of the Farmers Elvtr. Co. was damaged by fire, reported to have been due to a dust explosion.

Marysville, Kan.—We have discontinued our branch office here.—W. A. Hinchman, pres., Kemper Grain Co., Kansas City, Mo.

Hutchinson, Kan.—James E. Bennett & Co. and the Little Grain Co. now occupy the offices formerly used by the Ayres Grain Co.

Stockton, Kan.—The Biggs Grain Co. has bot the elvtr. of the Hammond & Edwards Co.—D. E. Wallace, mgr., Farmers Union Elvtr. Co.

Lone Elm, Kan.—A. F. Schoenig, of A. F. Schoenig & Son, who sold out to the Farmers Union some time ago, is now located in Hutchinson.

Sublette, Kan.—We have secured a lease and put in scales, office and granary here and expect to build a 12,000-bu. house next spring.—D. C. Winant, mgr., Farmers Elvtr. Co., Satanta.

Garnett, Kan.—I am not going to build an elvtr. here as reported but expect to build one at Mount Ida, 9 miles west, on the M. P. Capacity will be 6,000 bus. with latest machinery.—John McClune.

Hutchinson, Kan.—The Ayres Grain Co. has discontinued business. Leonard Ayres, formerly mgr. for the company, has succeeded E. H. Linzee as mgr. for the Central Grain Co., Mr. Linzee having resigned.

Agenda, Kan.—A. J. Anderson has bot the plant of the Agenda Mill & Elvtr. Co., owned by Eugene Fitts, Jr., of Belleville, who bot it last July. Mr. Anderson is repairing the plant and will soon put it into operation.

Almena, Kan.—Frank Taylor, mgr. of the Farmers Elvtr. Co. here, is dead. His many friends and acquaintances thruout the Southwest mourn him deeply as he was very popular with the grain trade in that vicinity.

Lawrence, Kan.—We postponed building operations until later on on account of high cost of material, close money and the general slump in business.—E. S. Schmidt, mgr., Lawrence Milling & Elvtr. Co., reported about to build an elvtr. last spring.

Canton, Kan.—A. J. Miller, mgr. for the Farmers Grain & Supply Co., has bot the interests of R. H. Evans, sec'y and mgr., and J. H. Frick, pres., in the Canton Milling Co. and is now in possession. Alva Flook has succeeded Mr. Miller as mgr. for the Farmers Company.

Shipton, Kan.—The elvtr. of the Shellabarger Mill & Elvtr. Co., containing 17,000 bus. of wheat, burned at 5:30 p. m., Oct. 24, with a loss of \$24,000, partially covered by insurance. It is that that sparks from passing trains may have caused the blaze as it was discovered in the cupola just after two trains had passed.

Brenham (Haviland p. o.), Kan.—We are sorry to say that the report of the merger of our company with that of the Farmers Grain & Supply Co. of Greensburg, is not as yet true. We voted to merge the 2 companies and so advised the other company last August. It has not so far accepted our proposition and we are doing business as before for ourselves.—L. H. Bates, mgr., Brenham Merc. Co.

Hutchinson, Kan.—The Hinman-Yates Grain Co. has discontinued business. R. O. Yates, former mgr., is now operating under the name Yates Grain Co.

Colby, Kan.—Ernest Minschell, who has been covering the Oklahoma territory for the Federal Grain Co., of Kansas City, Mo., has succeeded A. W. Erickson as representative for the company here. Mr. Erickson is now in Kansas City.

KENTUCKY

Barlow, Ky.—I do not know the cause of the fire which destroyed my mill and elvtr. The loss amounted to about \$20,000 on buildings and contents with \$8,000 insurance. I will install a Midget Mill.—H. H. Yancey.

LOUISIANA NEW ORLEANS LETTER.

The W. L. Richeson Co., Inc., has moved its offices to the Hibernia Bank Building.

We have not as yet completed arrangements for an elvtr. or warehouse.—Geo. B. Matthews & Sons. (It was reported a year ago this month that the firm would build.)

R. S. Hecht, pres. of the city dock board, has appointed a number of new com'ites and put prominent business men on them. Commissioner W. L. Richeson is chairman of the Public Grain Elvtr. and has the following to help him: Jeff D. Hardin, Sr., one of the original proponents of the public elvtr.; Harry Daunoy, grain exporter; J. T. Gibbons, for the domestic grain interests, and T. E. Cunningham.

MARYLAND

Hagerstown, Md.—Vernon N. Simmons has bot the grain and coal business of Harvey P. Rowland and is in possession. The property includes a 10,000-bu. elvtr.

BALTIMORE LETTER.

Clarence A. Euler & Co. recently moved their offices from the Chamber of Commerce Building to rooms on O'Donnell street.

Pres. Geo. S. Jackson of the Chamber of Commerce has offered a silver loving cup as a trophy to the best "golfer" of the exchange. The match will be played shortly over the Maryland Country Club course.

Jas. E. Bennett of Chicago has applied for membership in the Chamber of Commerce. Arrangements have been made to install a private wire on the exchange for James E. Bennett & Co., the wire to be managed by W. E. Harris & Son.

MICHIGAN

Vassar, Mich.—Frank B. Tinglan is now mgr. for us.—Farmers Elvtr. Co.

Pentwater, Mich.—I have succeeded the Sands & Maxwell Co.—G. F. Sands.

Jonesville, Mich.—Oliver White is now mgr. for us.—Jonesville Milling Co.

Kinde, Mich.—H. D. Horton is now mgr. for us.—Farmers Co-op. Grain Co.

Flushing, Mich.—C. E. Laur is now mgr. for the Farmers Co-op. Elvtr. Co.

McCords, Mich.—Jay S. Ellis is out of the grain business.—F. S. Thomas.

Climax, Mich.—We have succeeded M. Griffith & Son.—Climax Milling Co.

Carson City, Mich.—Neville Davern is now mgr. for the Carson City Elvtr. Co.

Coopersville, Mich.—C. F. Hale is now mgr. for the Coopersville Co-op. Elvtr. Co.

Leslie, Mich.—C. H. Luther is mgr. for us at present.—Leslie Grain & Produce Co.

Unionville, Mich.—E. H. Bueschlen is now our treas. and mgr.—Unionville Milling Co.

Lansing, Mich.—The Lansing Elvtr. Co. now operates the elvtr. of E. W. Langenbacher.

Brimley, Mich.—We have not built the elvtr. which was planned.—Thompson & Washburn.

Adrian, Mich.—Jas. Stevenson & Son are out of business.—Wm. Cutler, agt. Cutler, Dickinson & Co.

St. Louis, Mich.—The Bad Axe Grain Co., whose elvtr. burned here Oct. 15, has installed bean cleaning machinery and will handle beans. It has been decided to wait until spring to rebuild the elvtr.

Mears, Mich.—I have succeeded the Sands & Maxwell Lbr. Co. in the grain business here.—G. F. Sands.

Constantine, Mich.—I am now mgr. for the Constantine Co-op. Buying & Selling Ass'n.—L. E. Flandt.

St. Johns, Mich.—The elvtr. of John Hicks, which burned in 1918, was not rebuilt.—Geo. F. Dimond & Co.

Freesoil, Mich.—The report that a farmers elvtr. is operating here is incorrect.—B. F. Brunke, Fountain.

McCords, Mich.—I sold my elvtr. to the Farmers Co-op. Co. F. S. Thomas has enlarged his elvtr.—Jay S. Ellis.

Marion, Mich.—I have succeeded E. A. Conklin as mgr. for the Gleaners Clearing House Ass'n.—W. C. Mumford.

Belding, Mich.—Frank M. Donovan has bot the property of P. H. Maloney & Co., including elvtr., warehouse and sheds.

Ypsilanti, Mich.—We built a new concrete elvtr. and have been operating it for some time.—Farm Buro Grain Elvtr. Ass'n.

Fountain, Mich.—W. W. Boughner & Co. are no longer in business here, having sold to a co-operative company.—B. F. Brunke.

Rudyard, Mich.—I expect to put up a small roller mill next spring. A short system including a feed grinder.—R. J. Forgrave.

White Pigeon, Mich.—We operate the elvtr. at this place in connection with our Constantine business.—Constantine Co-op. B. & S. Ass'n.

Hastings, Mich.—We bot the elvtr. of the Winter Bros. and closed out the business. We are not doing any elvtr. business now.—R. C. Fuller Lbr. Co.

Grand Rapids, Mich.—E. W. De Haven, listed as mgr. for us, is no longer connected with the company. Fred E. Lewellyn is pres. and gen. mgr.—A. F. Bradshaw, Lewellyn & Co.

Cass City, Mich.—We are moving our office to Saginaw, where we have an elvtr. and bean picking plant, as we can obtain better telephone and telegraph service there.—Cass City Grain Co.

Holland, Mich.—The Holland Grain Co., for which Geo. Weurding is mgr., was established about two months ago and operates a warehouse on the Pere Marquette.—Gerard Cook, mgr. G. Cook & Co.

Saranac, Mich.—A. J. Bowen and T. G. Mercer bot out the old Saranac Products Co. and consolidated it with the grain and elvtr. business of Mr. Mercer, operating under the old name.—Saranac Products Co.

Parma, Mich.—We have sold our interest in the elvtr. here to the Parma Co-op. Ass'n, for which Frank Gilmore is mgr. and which is affiliated with the Exchange at Lansing. There is no G. L. Hunn in business here.—Stockbridge Elvtr. Co.

Rochester, Mich.—I have not sold my elvtr. yet. The Farmers Co-op. Elvtr. Co. is trying to buy me out but on account of the tightness of money it hasn't yet raised the price and has no elvtr. now.—Frank D. Shoup, prop., Rochester Elvtr. Co.

Marcellus, Mich.—We have the same management as in years past but Jan. 21 Floyd Burlington, owner and mgr. of the elvtr., sold out to the Four Counties Co-op. Ass'n and he as well as E. B. Sill took stock in our company.—Marcellus Milling Co.

Scotts, Mich.—The elvtr. of the Gleaners Elvtr. Co. burned Nov. 4 and is a total loss. We are opening our line of elvtrs. and will engage in the car lot grain, feed, coal and hay business.—White Brothers. (Fire mentioned was caused by fire from a gasoline engine.)

Owosso, Mich.—We are of the opinion that the Owosso Milling Co. will change hands in a few days. L. C. Sly is mgr. for the Isbell Bean Co. W. H. Van Sice is out of the grain business. Fred Randolph is now mgr. for the Farmers Co-op. Elvtr. Co., and we have succeeded Randolph, Hall & Young.—Geo. W. Young Co., Geo. W. Young, sec'y-treas.

Capac, Mich.—H. P. Stoughton, who has been in the grain business here for the past 40 years, was taken by the grim reaper Oct. 28 and the business is now being conducted under a special administrator and will undoubtedly be closed out in the course of the next 6 months.—Estate of H. P. Stoughton, I. H. Benjamin, special administrator; C. R. Taylor, mgr.

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GRADING EQUIPMENT
IS THE BEST AT LOWEST PRICE,
IT WILL PAY YOU TO USE THE
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TESTER, A FULL LINE - PROMPT SHIP-
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Clare, Mich.—The entire stock of the Clare Elvtr. Co. is now owned by the undersigned.—Geo. Johnson, pres. and treas.; W. S. McAllister, vice-pres., and Pearl Cour, sec'y.

Grand Rapids, Mich.—We have awarded the contract for the grading and preparatory work for the laying of the side tracks on our 19-acre tract just outside the city, on which we propose to build a modern fireproof concrete elvtr., plans for which have been drawn by the A. E. Baxter Engineering Co., calling for an elvtr. when completed of 500,000 bus. capacity.—Valley City Milling Co., Wm. S. Rowe, pres.

MINNESOTA

Taunton, Minn.—The elvtr. of G. W. Van Dusen & Co. has been closed all of this year.—Farmers Co-op. Product Co.

Sauk Center, Minn.—The Central Minnesota Power & Milling Co. operates the elvtr. of Lee & Gingery as well as one of its own.

Rush City, Minn.—We are in bankruptcy and John A. Wright, St. Paul, is receiver. The mill will be sold.—Rush City Milling Co.

Luverne, Minn.—The elvtr. of Dunn Bros. has not been in operation for 3 years and is still closed.—I. W. Tower, agt., Hubbard & Palmer.

Stephen, Minn.—E. A. Kinder, mgr. for the Farmers Elvtr. Co., has resigned and is now mgr. for the Farmers Elvtr. Co. of Castor, Alta.

Rochester, Minn.—H. H. Thiede, formerly mgr. for the Eyota Co-op. Co., Eyota, has moved to this city and is in the grain business for himself.

Palmer, Minn.—It is reported that the W. L. McPeak Elvtr. Co. of Waseca has bot the elvtr. of the Palmer Co-op. Farmers Elvtr. & Merc. Ass'n here.

Cambridge, Minn.—Our elvtr. and the warehouse of Nelson Bros. & Co. are the only elvtrs. and warehouses handling grain here.—Cambridge Milling Co.

Amboy, Minn.—W. O. Johnson, prop. of the Amboy Roller Mills, is installing a new cleaner and making minor repairs.—D. L. Norby, Car-gill Commission Co., Fairmont, Minn.

Traverse (St. Peter p. o.), Minn.—The stockholders of the Farmers Elvtr. Co. are considering the increasing of the capital stock of the company from \$6,000 to \$10,000. The elvtr. is reported closed at present.

Delano, Minn.—The Delano Milling Co. did not lose its elvtr. in the fire that destroyed the mill Aug. 25 as reported but it closed the elvtr. then and has not reopened it.—Wm. P. Moran, mgr., Farmers Co-op. Elvtr. Co.

Granite Falls, Minn.—The elvtr. of the Empire Elvtr. Co. has been closed since September and the house of the Northwestern Elvtr. Co. was closed all summer.—G. H. Dillingham. (The Monarch Elvtr. Co. has since bot the last named house.)

Lake Benton, Minn.—We have been making some repairs on our elvtr. here. The Atlas Elvtr. Co. operates two elvtrs. here and recently closed one for repairs. It will be opened for grain storage.—E. A. Bailey, agt., Geo. P. Sexauer & Son.

Grey Eagle, Minn.—We will remodel and install new machinery in the elvtr. here which we recently bot from the Erwin Elvtr. Co. We also bot the house at Sauk Center and Burtrum. Will also build a new warehouse here.—H. A. Tanner, Little Falls Milling Co., Little Falls.

Worthington, Minn.—The report that the St. John Grain Co. had traded its elvtr. here for the elvtr. of the Hubbard & Palmer Co. at Grogan was wrong. There has been no change here. The trade was made at Cray Siding (Lake Crystal p. o.) where we traded our house for the H. & P. House mentioned.—S. E. St. John.

Douglas, Minn.—Louis Hanson, of Minneapolis, of the Hanson & Barzen Mfg. Co., bot the old Tremble Elvtr. which has not been operated for 9 years. We have repaired it and put it into first class shape. Will also build a warehouse for feeds, seeds and flour in connection with the elvtr. I am local mgr. E. W. Douglas has not opened his warehouse so far this season and will not be likely to do so.—H. E. Braum.

DULUTH LETTER.

Samuel Turney has made application for membership in the Board of Trade on transfer from W. C. Mitchell.

Warren G. Starkey, who has been with the W. C. Mitchell Co. for a number of years, will engage in the grain business on his own account with offices in the Board of Trade Building.

S. A. McPhail, formerly with Simons, Day & Co. at this market, is now representing the Farnum & Winter Co., Chicago. The former office was closed by Ferroll Bros. who took over the business some time ago.

Duluth, Minn.—Anton Tretten is now cash grain sales man and pit man for the Harbison Commission Co. He was formerly in charge of the H. Poehler Co.'s office here. The membership of Jas. M. Owen in the Board of Trade has been transferred to him.

MINNEAPOLIS LETTER.

John C. Sweet has been appointed receiver for the H. Poehler Co.

A. B. Blanchard, who has been identified with the grain trade in this city for more than 40 years, is dead.

The Exchange Elvtr. will now be operated by the Gregory-Jennison Co. C. S. Sheffield is reported as mgr.

Geo. L. Miles, Erwin A. Olson, Arthur B. Marcyx and Henry C. Rowe are new members of the Chamber of Commerce.

The trading hours of the Chamber of Commerce are now back to the old schedule. Daylight saving time expired at midnight Oct. 31.

Geo. B. Clifford has succeeded C. E. Mapes as pres. of the Cream of Wheat Co. and D. F. Bull, ass't general mgr., as mgr. Mr. Mapes died Oct. 9.

H. J. Butler, who has been connected with the H. Poehler Co. for years, is now connected with the Itasca Elvtr. Co. of Duluth in the office here. He held his former position 18 years.

P. D. McMillan has succeeded the late Benj. S. Bull as a director of the Washburn-Crosby Co. He is connected with the wheat department of the company and is widely known by grain men.

Geo. H. Daggett, well known to the grain trade here, died at his home at Lake Minnetonka, Oct. 30. When he retired from the grain trade he went to Oregon but later returned home. He had been in poor health for a number of years.

MISSOURI

Berger, Mo.—I am mgr. for the Farmers Elvtr. Ass'n here—John Rohlfing.

Booneville, Mo.—W. A. Whitehurse is now mgr. for the Farmers Elvtr. Co.

Easley, Mo.—I buy and ship wheat here but there is no elvtr. in the town.—W. G. Easley.

Collins, Mo.—No elvtrs. here, only one old mill that is about out of commission.—S. J. Band.

Marceline, Mo.—Marceline Elvtr. Co. incorporated for \$30,000. The manager is F. W. Knott.

Moberly, Mo.—Altho we burned out last January we are still operating under the old name.—McAfee Mill & Com. Co.

Schell City, Mo.—The Moss-Mead Grain Co., successor to Moss & Ewing, is now ready for business. L. B. Milchem is agt.

Cape Girardeau, Mo.—The Farmers Co-op. Co. here has not yet engaged in the grain business and has only a store and a warehouse.—Cape Mill Mfg. Co.

Charleston, Mo.—The Whitehead Davis Grain Co. is a partnership, not incorporated. R. C. Davis is mgr. and O. A. Crenshaw is associated with us.—Whitehead Davis Grain Co.

Pierce City, Mo.—N. L. Jones, mgr. for the Pierce City Grain & Elvtr. Co., has bot the controlling interest in the elvtr. from the Locke Realty Co. The elvtr. may be resided with sheet iron.

Eldon, Mo.—The Farmers Co-op. Ass'n has decided to rebuild its plant burned Nov. 3. This included a mill and elvtr. Concrete will be used. Mgr. E. F. Beck has resigned and Sec'y S. J. Kennedy is temporarily in charge.

Brookline (Elwood p. o.), Mo.—The Farmers Elvtr. Co. bot the elvtr. of the Wilson & Hendrick Co.—J. E. Wilson, of the old firm. F. B. Gray, prop. of the Brookline Mills, writes: "One elvtr. was built here 40 years ago and as soon as the K. C. Ry. Co. furnishes double track another will be built. Not before spring, tho."

Independence, Mo.—Our new elvtr. is completed and new machinery is being installed. The house is 24 ft. square and 100 ft. high, has a capacity of about 18,000 bus. and is of concrete construction. The machinery includes an Eureka Cleaner, Eureka Poultry Feed Polisher, Eureka Cracked Corn Separator and Grinder and Eureka Automatic Separators. We are also installing power shovels, Bird Scale, attrition mill and motors.—A. R. May, Man. Grain Co.

KANSAS CITY LETTER.

The Board of Trade fell in line and went back to "standard" time Nov. 1.

Frank L. Carey has applied for membership in the Board of Trade on transfer from F. R. Warrick.

Ben F. Hargis, father of B. L. Hargis, pres. of the Board of Trade and himself an ex-pres. of the organization, is dangerously ill at his home near Belton, Mo.

Sam'l Davis, dean of the private wire operators at this market, died of cancer, Nov. 2. Mr. Davis had been a wire operator on the Board for 27 years and was 53 when he died.

W. H. Waggoner, pres. of the Waggoner-Gates Milling Co., died Oct. 25. He was on the floor of the exchange in active business less than 2 weeks before he died, but his death was not unexpected. He was 82 years old and had been gradually failing for some time. He had been pres. of the milling company since it was organized in 1872, 49 years ago, and was constantly active in the business. He joined the Board of Trade in 1907 and was almost daily on 'change in the 14 years he was a member. He is survived by 3 sons and a daughter.

ST. JOSEPH LETTER.

The Gordon Grain Co. has been reorganized with T. P. Gordon, who a year ago sold out his cash grain interest, as pres. He recently purchased stock in the company. Fred J. Watts is floor salesman for the company. He was formerly with the Holdridge Grain Co.

J. A. Gunnell of the Continental Grain Co. was found dead on a bench in a park Oct. 28 about 1:30 p. m. Mr. Gunnell, who was 42 years old, formerly lived in Mexico, Mo. In February, 1915, he became sec'y of the Missouri Grain Dealers Ass'n, resigning at the annual meeting held here in January, 1917. He first operated the Gunnell Grain Co., later forming a partnership known as the Gunnell-Windle Grain Co. Next he headed the Great Western Grain Co. and when that firm discontinued operations about a year ago he became connected with the Continental Grain Co. When the body was discovered Mr. Gunnell apparently had been dead only an hour or two and it was thought he might have died of heart disease, altho the exact cause was not known.

ST. LOUIS LETTER.

The Merchants Exchange is once more operating under "standard" time, which pleases the majority of the members immensely.

Ralph E. Nye has applied for membership in the Merchants Exchange on transfer from W. H. Perrine. He will make this city his home and will open an office for the Denver Alfalfa Milling & Products Co. of Lamar, Colo.

MONTANA

Nibbe, Mont.—L. E. Dunn is agt. for the Montana & Dakota Grain Co.

Musselshell, Mont.—Roy O. Traer is now mgr. for the Northern Grain & Warehouse Co.

Raymond, Mont.—We have completed our 15,000-bu. elvtr. on the Soo Line. D. F. Hoag & Co. had the contract.—M. B. Larson, mgr., Equity Co-op. Exchange.

Bozeman, Mont.—J. M. Flint is now connected with Simpson & Truitt which will add a grain handling and purchasing department to its business. Mr. Flint was formerly pres. of the Star Grain & Lumber Co. of Wellsville, Kan.

Rapelje, Mont.—The Rapelje Farmers Grain Co. is the new company which has been formed to take over the defunct Farmers Elvtr. Co. It will be incorporated soon and is now doing business under a permit from the State Sec'y of Agriculture.

Red Lodge, Mont.—The Montana & Dakota Grain Co. has taken over the line of the Treasure State elvtrs. and I have been retained as supt. We have the only elvtr. here but there is also a scoop shovel outfit.—A. J. Hole, supt. of the Montana & Dakota Grain Co.

Sidney, Mont.—The Russell-Miller Milling Co. has let a contract to the T. E. Ibberson Co. to erect a 1,000-bbl. mill, an 80,000-bu. elvtr. and a large warehouse to replace the plant burned Oct. 6. This new plant is to be one of the most modern of its kind, including a track scale, large hopper scale, car shovels and in fact all up-to-date equipment. The work is to begin at once and be rushed to completion as soon as possible.

Townsend, Mont.—Owners of storage tickets or receipts issued by the Broadwater Elvtr. Co. here can recover the highest market price for wheat between the time the wheat was sold by the elvtr. and of the trial of their suit, which was filed when the elvtr. company failed to deliver the wheat upon demand of owners. This case dates back to 1915 and the above is an opinion of the state supreme court written by Chief Commissioner W. H. Poorman.

Grass Range, Mont.—The Equity Co-op. Ass'n became a straight stock company last August and we are operating as the Farmers Grain Co. Chas. H. Brass is pres.; F. H. France, vice-pres.; C. W. Breckenridge, sec'y-treas. and mgr. These 3 with Wm. Maddox and Carl F. Noble are the directors. Balance of stockholders are farmers but there are no patronage dividends. We will make a lot of repairs if we ever make any money.—G. W. Breckenridge, mgr., Farmers Grain Co.

Great Falls, Mont.—Farmers holding storage tickets issued in 1920 by the now defunct Montana Grain Growers, Inc., at any of its 22 elvtrs. will, if the sec'y of agriculture, who is handling the matter, can find out himself, know just what each certificate is worth. The sec'y recently sent a special representative to Omaha, Neb., to determine what portion of the surety bond was recoverable, the company issuing the bond now being in the hands of a receiver. It has been definitely settled that nothing can be had from that bond before late in 1922, and what may then be recovered is purely problematic, depending largely on the success of liquidating assets of the bonding company. If the bond fails, the chance for the farmer getting much on his ticket is small, it is reported.

NEBRASKA

Colon, Neb.—The Farmers Co-op. Ass'n will sell out.

Gresham, Neb.—The Gresham Grain Co. will install a motor.

Red Lodge, Neb.—The elvtr. of Geo. Haver-camp burned Nov. 5.

Cook, Neb.—A. Kuykendall is our mgr.—Farmers Union Co-op. Ass'n.

Norman, Neb.—D. J. Stromer has resigned as mgr. for the Farmers Elvtr. Co.

Milligan, Neb.—Frank Krisl, Jr., is now mgr. for the Farmers Co-op. Co.

Norfolk, Neb.—The Farmers Grain & L. S. Co. has issued \$50,000 in preferred stock.

Liberty, Neb.—Bert Hall has resigned as mgr. for the Liberty Grain Co. effective Dec. 10.

Hordville, Neb.—The Farmers Elvtr. Co. has remodeled its elvtr. and is now installing new machinery.

Oxford, Neb.—I have succeeded C. B. Kellogg as mgr. for the O. M. Kellogg Grain Co. here.—L. F. Meier.

Ralston, Neb.—The Ralston Elvtr. & Milling Co. suffered a \$250 fire loss due to a short circuit recently.

Hayland (Schuyler p. o.), Neb.—The Farmers Union has decided to do away with its implement side line.

Wood River, Neb.—We are putting a new metal siding on our elvtr.—A. F. Hein, mgr., Wood River Co-op. Grain Co.

Grant, Neb.—The O. M. Kellogg Grain Co. of Denver has bot the elvtrs. of the J. M. Volte Grain Co. here and at Brandon.

North Platte, Neb.—We had a small fire in our boiler room recently; not much damage.—North Platte Flour Mills, by Carroll.

Oshkosh, Neb.—It is reported that the Lexington Mfg. & Elvtr. Co. will buy the business of the Farmers Elvtr. Co. who are ready to sell. Franklin, Neb.—I am not doing anything in the grain business at present.—N. E. Gailey, Mr. Gailey sold his elvtr. here in September.)

Verdon, Neb.—I have resigned as mgr. for the Farmers Union Co-op. Ass'n here and am now in business at Shubert.—Wm. Steadman.

Big Springs, Neb.—I have put a flush spout in my elvtr. as the elvtr. was too near the tracks to comply with the U. P. ruling.—F. Dorn.

Ravenna, Neb.—I am operating the elvtr. for the Crete Mills at this point.—W. A. Harding, formerly mgr. for the Farmers Union Co-op. Ass'n.

Daye, Neb.—Mail addressed to W. A. Milligan, formerly mgr. for the Davey Co-op. Grain Co., is returned marked "Moved; left no address."

Shelton, Neb.—The most of the 17,000 bus. of grain in the elvtr. of the Denman Grain Co., which burned recently, has been salvaged and is being sold for feed, etc.

Lindsay, Neb.—Oscar Anderson has succeeded Fred Eckert as mgr. of the Nye-Schneider-Jenks Co., Fremont Division, here. Mr. Eckert has been transferred to Albion.

Eddyville, Neb.—The trouble with our tile elvtr. is that water leaks in, due entirely to poor workmanship in its construction.—Farmers Co-op. Co., F. J. Froky, mgr.

Beatrice, Neb.—Our tile elvtr. gives us trouble with water leaking thru the joints. This no doubt is due to poor workmanship.—Farmers Union Co-op. Co., A. O. Burket, mgr.

Schuyler, Neb.—C. J. Kucera, formerly traffic mgr. of the Wells-Abbott-Nieman Co., now in the hands of a receiver, has become traffic mgr. for the Omaha Flour Mills Co., Omaha.

Cornlea, Neb.—Dominic Roufs is mgr. for the Farmers Elvtr. Co. here.—J. F. Crylish, mgr., Farmers Co-op. Grain & Lumber Co., Humphrey. (It was reported that Mr. Roufs was a mgr. at Humphrey.)

Mullen, Neb.—W. B. Perkins has succeeded W. A. Harding as mgr. for the Farmers Union Co-op. Ass'n. Mr. Perkins was a director of the company.—Farmers Union Co-op. Ass'n. (Mr. Harding is located in Crete.)

Shubert, Neb.—Howard & Son are out of business here as Steadman & Evans have bot them out. I have resigned as mgr. for the Farmers Union Co-op. Ass'n at Verden and am mgr. of the new company here.—Wm. Steadman.

Schuyler, Neb.—The property of the Wells-Abbott-Nieman Co. here will be sold by order of the court Nov. 21. The elvtr. at Rogers will be sold at any time by the receivers.—W. E. Spear, ass't trust officer, Peters Trust Co., and W. J. Coad, receivers, Omaha.

Wausa, Neb.—L. Hanson bot the elvtr. of the Dolphin-Jones Grain Co. here and is overhauling it and putting it into shape to handle grain. Mr. Hanson will handle livestock and feed in addition to grain and will probably buy more elvtrs. in the near future.—L. W. H.

West Point, Neb.—F. D. Sharrar has succeeded Chas. Mead as mgr. for the Farmers Co-op. Union. He was at one time mgr. here but left to go to Sioux City, Ia., where he was mgr. of the livestock department of the Farmers Union. But he likes West Point best.

North Platte, Neb.—Last July I resigned as pres. of the Leypoldt & Pennington Co. as my outside work needed attention and I preferred being out of doors. I still hold my stock in the company and buy grain, hay and seed during my spare time. I am also still interested in the elvtr. at Sutherland. I make this city my headquarters.—D. M. Leypoldt.

Lexington, Neb.—Ben Vetter, mgr. for the Farmers Elvtr. Co., recently shut off the machinery to make an adjustment. Putting his arm thru the machinery he began to remove some clogged grain but in some manner his arm was caught just above the wrist and he was compelled to remain a prisoner for an hour and a half until some one happened to enter the engine room and release him. He was not seriously hurt.

Roscoe, Neb.—The Farmers Co-op. Elvtr. Co. has let contract to W. C. Bailey & Son for the straightening of its elvtr. The elvtr. is of concrete and 104 ft. high and leans 2 ft. 3 ins. out of plumb. Roy N. Brown, mgr., says that it leaned 9 ins. when completed by the contractors in 1920. The foundation is not loose from the bottom of the house. The railroad company has stopped the using of the elvtr. The house is along the Platte River and is believed to need a more substantial foundation.

Sumner, Neb.—I bot the old elvtr. of the Omaha Elvtr. Co. and equipped it with a 50-bbl. mill and a feed mill. Also have leased the elvtr. of the Trans-Mississippi Grain Co. for which I was formerly agt. here. Am operating as the Sumner Mill & Elvtr. Co.—E. A. Ericson.

Lincoln, Neb.—Cobe S. Venner has filed a petition asking for the appointment of a receiver for the M. T. Cummings Grain Co. Mr. Venner alleges the company has sustained heavy losses thru fluctuations in the grain markets to the extent that its cash has been exhausted and practically its credit. The company has assets nearly equal to its liabilities but is threatened with suits for liabilities long past due, it is alleged. The grain company is practically solvent but the interests of the creditors and stockholders are endangered, and unless a receiver is appointed these will sustain great losses. The petitioner proposes that M. T. Cummings be appointed receiver.

OMAHA LETTER.

Omaha, Neb.—L. E. Conklin has retired from our firm and gone to California. We have succeeded the Neal Conklin Grain Co.—Neal Grain Co.

We have changed the dates for our annual convention to Dec. 13, 14 and 15, at Omaha.—J. W. Shorthill, sec'y, Nebraska Farmers Co-op. Grain & L. S. State Ass'n.

Omaha, Neb.—New directors of the Grain Exchange will be elected Nov. 9. Those nominated are C. S. Rainbolt, J. W. Holmquist, C. Vincent, G. W. Miller and Frank Bell. Out of the five three are to be chosen.

Omaha, Neb.—The following amendment to the rules and regulations of the Grain Exchange was adopted Nov. 1 by the directors to become effective at once: "On inbound grain the shipper shall in all cases pay the freight charges on dockage."

NEVADA

Lovelocks, Nev.—The plant of the Pitt Mill & Elvtr. Co. is again in operation.

NEW ENGLAND

Concord, N. H.—Frank Cressy, dean of the grain men of New England, has just celebrated his 82d birthday.

Portland, Me.—Cancellation of grain contracts by Lewis F. Gannon, of Albion, bankrupt, has led to the filing of claims for \$15,000 by the Maine Grain Co., Portland Grain Co., and Paris Flouring Co., all of Portland, against his estate, other liabilities being \$45,000, while the assets are \$13,000. Mr. Gannon was caught in the slump of grain prices in 1920.

NEW MEXICO

Tumcumcari, N. M.—The new 5,000-bu. elvtr. and 100-bbl. mill of the Tumcumcari Mill & Elvtr. Co. has been completed.

NEW YORK

Buffalo, N. Y.—Three bandits held up 2 messengers of the Eastern Concrete Elvtr. Co., Oct. 22, and secured \$1,683.

Littlefield (Avon p. o.), N. Y.—We are building a 12,000-bu. elvtr. and expect to have it completed Dec. 1.—Light Bros.

New York, N. Y.—E. Pfarrius, pres. of the old time firm of E. Pfarrius & Co., one of the largest grain exporters of New York, died Oct. 30 at the age of 70. His company went out of business in 1916 and he had not been in active business since. Death followed an operation for gall stones.

Buffalo, N. Y.—The recently incorporated American Grain & Feed Corp. will build a concrete 250,000-bu. elvtr. and altho it has an option on a site for an elvtr. on the So. Buffalo Railroad, the company is anxious to get a canal site and it as yet undecided where it will build. The unloading pits with a capacity of 125,000 bus. each and belt conveyor systems carrying 15,000 bus. per hour are included in the present plans. The elvtr. will have a transfer capacity of 35 cars a day and there will be installed a large grain cleaner, two oat clippers and a grain separator. A drying plant capable of handling 20,000 bus. per day is contemplated and provision also has been made for a flour and feed mill which will be equipped with the latest types of milling machinery.

NORTH DAKOTA

Halliday, N. D.—John Payne is now ass't buyer for the Farmers Elvtr. Co.

Parshall, N. D.—E. E. Robideaux has succeeded J. E. Hannon as mgr. for the Farmers Co-op. Elvtr. Co.

St. Joseph, N. D.—The St. Joe Co-op. Elvtr. Co. of St. Joseph, N. D., has leased the elvtr. of the Farmers Grain Co.

Alexander, N. D.—J. C. Smith, of Homestead, has bot the interest of L. D. McLean in the Alexander Grain Co. and now has the controlling interest.

Hatton, N. D.—The Farmers Elvtr. Co. has completed a potato warehouse and will build another one next spring.—R. E. Argall, agt., Monarch Elvtr. Co.

Oriska, N. D.—The Farmers Elvtr. Co., a partnership, has leased the elvtr. of the Farmers Equity Elvtr. Co. until June 30, '22. I am in charge.—S. L. Martin.

Ashley, N. D.—The Brorz Elvtr. Co. has bot the elvtr. of the Stienecker-Kutschmer Elvtr. Co. Fred Brorz, mgr., was formerly interested in the grain business here, selling out in 1915.

Coulee, N. D.—The Farmers Co-op. Elvtr. Co. has been made defendant in a suit brot by the Atwood-Larsen Co., of Duluth, to recover \$2,-685.63 alleged to be due the plaintiffs on grain transactions.

Bloom (Jamestown p. o.), N. D.—The Farmers Elvtr. Co. has completely overhauled its elvtr., putting in a new leg, cups, belt, rope drive and much new machinery. The cupola was raised and the plant resided and painted. The T. E. Ibberson Co. had the contract.

St. Thomas, N. D.—The St. Anthony & Dakota Elvtr. Co. narrowly escaped the loss of its elvtr. Oct. 17 when the elvtr. of the Monarch Elvtr. Co. burned with 9,000 bus. of wheat. There had been no fire built in stoves for several days and no machinery running since Oct. 11. The elvtr. was a 30,000-bu. cribbed house with annex. F. A. Olson, agt. for the Monarch company, says: "As far as I know the company plans rebuilding in the spring."

Bismarck, N. D.—It is expected that new mill and elvtr. bonds will soon be offered for sale, the Industrial Com'n having canceled the old issue, bearing 5%, preparatory to issuing new ones at 6%. Judge W. L. Nuessle of the Fourth Judicial District issued an order Nov. 8 commanding the Com'n and the Bank of North Dakota to show cause why the sale and delivery of state bonds at a heavy discount rate should not be stopped by an injunction. This order came as a result of an application filed by attorneys for a group of taxpayers of the state.

OHIO

Urbana, O.—I have succeeded T. G. Powers & Co.—T. G. Powers.

McCutchenville, O.—We are electrifying our plant.—Seneca Grain Co.

Waynesfield, O.—I am mgr. of the new Waynesfield Grain Co.—O. H. Pool.

Greenwich, O.—C. H. Maynard is now mgr. for the Greenwich Mill & Elvtr. Co.

Creston, O.—We are installing a motor in our elvtr.—T. E. Ewing, Farmers Equity Co.

Grand Rapids, O.—The Farmers Grain Co. has a new 30,000-bu. reinforced concrete elvtr.

Gordon, O.—We installed electric motor to replace steam plant.—Gordon Grain & Merc. Co.

Ashville, O.—The Ashville Grain Co. is placing iron siding over the wood siding of its elvtr.

Bascom, O.—The office of the Sneath-Cunningham Grain Co. is being remodeled and enlarged.

Arcadia, O.—Rev. J. H. Snodgrass has succeeded W. E. King as mgr. for the Arcadia Elvtr. Co.

Columbus, O.—The Ohio State Millers Ass'n will hold its Fall meeting Nov. 15 and 16 at the Southern Hotel.

Lucasville, O.—Zeisler Bros. have bot the elvtr. of the Strittmatter Grain & Milling Co. and are operating it.

Nevada, O.—The report that Ed McLaughlin has resigned is true but the report that we had moved our plant or intended to sell it is not—Nevada Farmers Grain Co.

West Liberty, O.—I am not engaged in the handling of grain any more but am a farmer at present.—Joe S. Plank.

Bascomb, O.—The Bascomb Elvtr. & Supply Co. is putting in a new driveway.—Seneca Grain Co., McCutchenville.

Longley, O.—The elvtr. of Ash & Ash will be closed indefinitely according to popular report, on account of poor crops.

McClure, O.—Chas. Vogel has been held to the grand jury on the charge of stealing 15 bus. of clover seed from the McClure Elvtr. Co.

Canton, O.—Stockholders of the Canton Feed & Milling Co., operating a line of 9 elvtrs., have asked for a receiver for the company, alleging there has been an unlawful transferring of assets.

Cincinnati, O.—A large hay and grain barn of the Bunting & Hill Co. burned Oct. 27 with a loss of \$15,000. It was started by a 9-year-old boy who was playing with matches near the barn. Over 500 tons of hay and a large amount of grain were burned.

Celina, O.—We have sold our 2 plants here to G. A. Hirsh, who will take possession Dec. 5. None of the company expects to re-enter the grain business with the exception of myself. I may do something next year.—L. E. Burns, mgr. for Daniel Burns & Co.

Waverly, O.—The property of the Sprittmatter Grain & Milling Co., of Portsmouth, at this station was offered for sale, Oct. 22, at public auction by Frank W. Moulton, receiver for the company. The property was appraised at \$40,-000 but there were no bidders.

Washington Court House, O.—Virgil Vincent is no longer connected with the Cissna Grain Co. With the help of J. T. English, I am running the elvtr. and making a success. I like the work very much altho I am only 20 years old and it is unusual for a lady to run an elvtr.—Ruth Cissna.

Greenwich, O.—The Farmers Elvtr. Co. incorporated for \$15,000 by F. B. Roscoe, H. S. McLaughlin, Murray C. Hunter, C. F. Hopkins and R. Roscoe. The company now operates the elvtr. formerly operated by the Greenwich Farm Products Co. which was reported in the hands of a receiver last June.

Attica, O.—Jacob I. Friedley, who was owner of the Attica Elvtr. for many years, died in a hospital in Columbus, Nov. 1, from the effects of an operation. He was 60 years old and until he sold his elvtr. in August, 1916, was very active in the trade. He was also a member of Friedley Bros. who operated a house at Carrothers.

Westerville, O.—We are building an addition to our present plant the new part having a roof 30x60 ft. in order to take care of the increasing demand of grinding oats and corn for local use. A new 3-ton crusher and pulverizer and a 30 h.p. motor will complete the improvement.—The Westerville Farmers Exchange Co., John H. Myers, Mgr.

Columbus, O.—The co-partnership heretofore existing between Edward W. Scott and Arthur H. Cratty, operating as Scott & Woodrow Co., has been dissolved by the recent death of Mr. Scott. Mr. Woodrow has been dead for a number of years. I was in partnership with Mr. Scott from 1911 and in continuing the business feel that it will be best to do it in my own name. Therefore will operate as A. H. Cratty, successor to Scott & Woodrow.—A. H. Cratty.

Shelby, O.—J. M. Zeigler and D. F. Robinson of Bucyrus and H. W. Opdyke of Centerville have bot the plant of the Shelby Milling Co. from the trustee in bankruptcy. The plant has never been completed and no machinery has ever been installed. The new owners will complete the building and will install up-to-date equipment. The three men will form a company soon but no stock will be sold outside. D. F. Robinson will move here and will be in charge.

Monett, O.—Beginning tomorrow, the Sneath-Cunningham Co. of Tiffin will handle the grain department of the elvtr. of the Monett Elvtr. Co. This is the elvtr. of the former Farmers Equity Exchange Co. which is reported to have failed. About 16 of the most influential farmers reorganized as the Monett Elvtr. Co. and are now owners of the elvtr., having bot out the co-op. company. A new 10-ton wagon and track scale and a dump will be installed. L. E. Lepley is mgr.

Toledo, O.—Carl Bryant, formerly ass't sec'y of the Produce Exchange, has made a change and is now on the road for W. H. Moorehouse & Co. For the last year he has been with the Raymond P. Lipe Co.

St. Henry, O.—E. C. Landman, owner of the Landman Milling Co., had a narrow escape from death when he recently tried to kick a belt into place without stopping the machinery. His foot caught and the leg had to be amputated. The belt was stopped in time to save his life.

OKLAHOMA

Forgan, Okla.—The Farmers Mill & Elvtr. Co. has increased its capital stock to \$30,000.

Cement, Okla.—I am building a 7,500-bu. elvtr. and a 1,000-bu. corn mill.—J. M. Cunningham.

Hammon, Okla.—The elvtr. of the Hammon Grain Co. burned at 6:45 p. m. Oct. 21 with a total loss.

Mangum, Okla.—J. Welch Logan is now connected with the Farmers Co-op. Elvtr. Co. He recently sold his feed and grist mill business.

Pawnee, Okla.—J. S. Badger, of the Badger-Hudson Grain Co., died Oct. 12 in Montana where he had gone on a business trip for his firm.

Capron, Okla.—The elvtr. of the Farmers Elvtr. Co., containing 5,000 bus. of wheat, burned at 1:15 p. m., Oct. 31, with a loss of \$13,000.

Jet, Okla.—Chas. Radke, agt. for the W. M. Randels Grain Co. here, died recently of a stroke of apoplexy while in Enid. He was 47 years old.

Wayne, Okla.—J. W. Williams, well known in this vicinity and the grain trade of the state, died suddenly Oct. 20, while visiting in Oklahoma City.

Tillman, (Chattanooga p. o.), Okla.—There is only one elvtr. here and it is owned by Fred Varner and a few farmers. It is called the Farmers Elvtr.

Pond Creek, Okla.—The elvtr. of the W. B. Johnstone Co., containing 8,000 bus. of wheat, burned recently with a loss of \$15,000. It will be rebuilt at once.

Ft. Cobb, Okla.—The only advancement visible in regard to building a third elvtr. here, is that farmers bot a site last Sept. but have not used it.—J. N. W.

Sentinel, Okla.—C. C. Clark, formerly agt. for the Weatherford Mlg. Co., has left the grain field and is now employed in a bank. I am his successor.—D. J. Reiter.

Beaver, Okla.—Mail addressed to the Beaver Equity Exchange has been returned marked "none here" and mail for the Alva Roller Mills is returned marked "removed."

Hammon, Okla.—The Hammon Mill & Grain Co. has been incorporated for \$50,000 by A. F. Sullings, E. G. Commons and W. L. Hutchison, the latter hailing from Oklahoma City.

Beaver, Okla.—The Oklahoma City Mill & Elvtr. Co. has succeeded the Bolin Hall Grain Co. It is reported that the Probst Elvtr. Co. will sell its elvtr.—Wm. Orr, mgr. O. K. Elvtr.

Clinton, Okla.—The Nelson Grain Co. has been changed to a partnership, Frank W. Nelson and R. E. Nelson now being the props. of the company. R. E. Nelson is the well known pres. of the Oklahoma Grain Dealers Ass'n.

Guthrie, Okla.—John Dean, operating elvtrs. at Temple and at Apache, with headquarters here, died after a short illness, Oct. 25. He was well known to the trade at large and will be greatly missed by his friends and associates.

Guthrie, Okla.—The Sun Grain & Export Co., and the Gresham Flour Mills Corporation, both controlled by Frank S. Gresham, formerly of Galveston, Tex., have failed. A few days later the Oklahoma State Bank, which held notes of the companies, also failed.

Picher, Okla.—G. A. Dorsey of Welch has asked that a receiver be appointed for Newman & Dorsey, alleging that F. E. Newman, the other member of the firm, has never made an accounting to him in regard to the business since he furnished the capital and the company was started in May, 1919. Newman is named defendant in the suit brot by Dorsey.

OKLAHOMA CITY LETTER.

E. A. Glass and A. A. Webb has organized the Southwest Flour & Grain Co. and opened an office here.

I have opened an office in this city in the Grain Exchange building and will operate as the Olson Brokerage Co.—F. J. Olson.

Oklahoma City, Okla.—Thos. J. Taylor, for many years a traveling grain buyer in this state, died at his home in this city recently at the age of 80 years. He started in business in 1891 with M. C. McCormick and was active in the trade until he was 70.

OREGON

Scio, Ore.—The Scio Milling & Elvtr. Co. has been reorganized and is operating its plant with J. C. Keller and Dayton E. Cooper as mgrs.

Vale, Ore.—Geo. H. Clark and Thos. N. Mundy have leased the mill of the Vale Mill & Elvtr. Co. and will operate as Geo. H. Clark & Co.

Portland, Ore.—A conveyor belt which was originally installed in the basement of the Municipal Elvtr. was recently moved to the upper gallery and now transfers grain from the bins to the loading belt. This has, it is said, increased the speed of the loading facilities of the elvtr. greatly.

Portland, Ore.—Creditors of the Pacific Grain Co., the Portland Flouring Mills Co. and Max Houser, principal owner of the two firms, are well satisfied with the progress being made in liquidating the affairs of the companies. It was said that matters will work out to a point where a very substantial balance will be left after all claims have been wiped out.

PENNSYLVANIA

Hanover, Pa.—The Hanover Mill & Elvtr. Co. will rebuild its plant burned Oct. 5.

Philadelphia, Pa.—U. H. Hambright has applied for membership in the Commercial Exchange.

York, Pa.—It is reported that Anderson Bros., W. L. and J. T., who have been contemplating the building of an elvtr., have bot the business and property of the Strayer Bros. Co.

Philadelphia, Pa.—The many friends of Cap. John O. Foering and his wife assisted in the grand celebration of their golden wedding anniversary, Oct. 31. Capt. Foering was chief grain inspector at the Commercial Exchange for 32 years. He was an inspector there for 54 years in all.

SOUTHEAST

Cuthbert, Ga.—Last spring it was announced that D. B. Theabeau would build an elvtr. here but the house has never been put up.

SOUTH DAKOTA

Wakonda, S. D.—The elvtr. of the Babb Elvtr. Co. burned recently and was a total loss.

Valley Springs, S. D.—We will handle live stock with our grain business.—L. S. Haraldson, Farmers Elvtr. Co.

Tripp, S. D.—The elvtrs. of A. A. Truax, J. C. Raugust and the Farmers Elvtr. No. 1, burned Nov. 9. The Farmers Elvtr. Co. saved one of its two houses.

Mitchell, S. D.—Father, A. H. Betts, has been confined to a hospital for the last two months but I expect he will be back again within the next month.—E. A. Betts.

Valley Springs, S. D.—We are installing a new steel boot and repairing the pits in the elvtr. which E. A. Brown of Luverne recently took over from the G. W. Wright Estate.—H. W. Wright, mgr.

Baltic, S. D.—John Moe, agt. for the Hunting Elvtr. Co., recently died of injuries received when his automobile went into the ditch and he was pinned beneath it. He was 69 years old and had been in the grain business here for over 30 years.

Waverly, S. D.—The elvtr. of the Pacific Elvtr. Co. containing 3,000 bus. of grain, burned Nov. 2. There were no fire facilities near the elvtr. and nothing could be done to save it. The blaze started in the cupola and had gained a good headway before discovered.

Moorefield, S. D.—We have sold our elvtr. here.—Merchants Elvtr. Co., Davenport, Ia.

Herreid, S. D.—J. B. Fisher, formerly one of the mgrs. of the Herreid Grain Co., is reported to have received a sentence of 18 months in the state penitentiary at hard labor, for disposing of stored grain and being unable to make good on the storage tickets issued by the firm.

Frankfort, S. D.—The circuit judge has appointed a receiver for the grain business formerly operated by Ed Lindgren who it is reported has left town to escape alleged indictment on a charge of defrauding holders of storage tickets under the state law. Liabilities are listed at \$65,000 and assets at \$10,000.

TENNESSEE

Nashville, Tenn.—O. L. Jones has bot the J. A. & O. L. Jones Mill & Elvtr. Co. for \$50,000.

Union City, Tenn.—The plant of the Dahnke-Walker Milling Co. has been thoroughly overhauled and repaired and is in operation. R. Motlow of Nashville bot the plant at receiver's sale for \$32,000.

Union City, Tenn.—We are installing a 20-h.p. motor to handle our corn sheller which will shell about 2,000 bus. a day. It will also operate our fanning machinery and corn chopping machine.—Cherry-Moss Grain Co.

Nashville, Tenn.—Chas. D. Jones has bot the Hermitage Elvtr. for \$27,500. It has a capacity of 500,000 bus. and was formerly owned by the Illinois and Southern railways. The Hermitage Elvtr. & Warehouse Co. formerly operating it went out of business in September, 1920. Mr. Jones is pres. of Chas. D. Jones & Co.

MEMPHIS LETTER.

Memphis, Tenn.—The following have been admitted to membership in the Merchants Exchange: Ferd Heckle, David W. Marks, B. R. Cooner & Co., Gillespie Grain Co. and the Martin H. Smith Grain Co.

On July 29, 1921, the H. J. Hasenwinkle Co. bought from the Big Four Elvtr. Co. at Mattoon, Ill., "4500 bus. of No. 2 white corn, shipment twenty days, 56 cents, basis 22½ cent rate, track Mattoon, Ill., Memphis Terms." The first two cars shipped by the Big Four Co. against this contract graded No. 3 white at Memphis and were rejected by Hasenwinkle, the market meanwhile having declined about ten cents per bushel. The third car, CP 202565, shipped by Big Four from its Tuscola elvtr., graded No. 2 White at Memphis, was accepted on contract, and resold by Hasenwinkle to a Memphis dealer. This Memphis dealer furnished Hasenwinkle Memphis Merchants Exchange official weight certificate showing car CP 202565 unloaded Aug. 26th, 1921, contained 92,940 pounds of corn and settled with Hasenwinkle on this weight. The Big Four Elvtr. had invoiced this car to Hasenwinkle at 89,712 pounds, or 3,228 pounds less than the outturn weight. Altho Hasenwinkle admitted having in his possession this official weight certificate, on Sept. 7th, 1921, he made returns to the shipper on basis of Invoice Weight instead of Memphis official weight as called for by his contract. Hasenwinkle's defense was that if thru error in the official weight the shipper was overpaid, having received such caustic comment concerning the rejected corn, he would be unable to obtain refund from the shipper. It appeared, however, that Hasenwinkle had ample opportunity to ascertain the correctness of the official weight before making returns to the shipper, and that there was no satisfactory explanation for first sending returns on invoice weight, making no mention of the overage, and later sending corrected returns. Meanwhile, the Big Four Co. had obtained from the Inspection Department the official weight on this car and demanded settlement from Hasenwinkle in accordance therewith. It was not until receipt of this demand that Hasenwinkle made inquiry as to the correctness of the official weight. Pending compliance with its demand, the Big Four Elvtr. Co. complained to the Exchange. After Hasenwinkle had appeared before a special comite from the Board of Directors conducting a preliminary investigation, remittance was sent by him to the Big Four Co. for the balance due them. After a hearing on Oct. 18, H. J. Hasenwinkle was indefinitely suspended from membership in the Merchants Exchange.

TEXAS

Plainview, Tex.—Sam'l Martin is out of the grain business here.

Olney, Tex.—Have just bot 2 grain elvtrs.—J. B. Stevenson, Seymour.

Childress, Tex.—Peden & Sanders have added grain to their coal business.

Dublin, Tex.—A cornmeal mill has been installed by the Dublin Mill & Elvtr. Co.

Hoover, (Pampa p. o.), Tex.—We have completed the elvtr. here.—Lester Stone, Amarillo.

Ft. Worth, Tex.—We are closing out our business in a few weeks.—Simons Grain & Hay Co.

Tahoka, Tex.—The Tahoka Coal & Grain Co. has bot the assets of the Edwards Bros. Coal & Grain Co.

Stratford, Tex.—The Farmers Equity Elvtr. Co. incorporated for \$15,000 by D. D. Spurlock, W. R. Gamble and Arthur Mullins.

Bonham, Tex.—The Bonham Compress & Warehouse Co. has just completed a new grain warehouse and is already storing corn.

White Deer, Tex.—We have installed a 10-ton truck scale in our elvtrs.—W. E. Hickman, agt., Liske Grain Co., successor to A. Liske & Co.

Groom, Tex.—We are just commencing to build a 25,000 bu. iron clad house here and hope to have it done in 90 days.—Lester Stone, Amarillo.

Higgins, Tex.—The plant of the Gerlach-Higgins Milling Co. burned Mar. 3 and the company has not been operating here since that time.—B. K.

Washburn, Tex.—R. E. Logue, grain dealer, was found dead from the effects of gunshot wounds which are believed to have been accidental. He was 59.

Pampa, Tex.—All of the elvtrs. of the Alva Roller Mills Co., of Alva, Okla., in this state were recently bot by the Great West Mill & Elvtr. Co.—L. C. McMurty.

Houston, Tex.—We have a 10,000-bu. elvtr. in connection with our flour mill but expect to build a much larger one when times become normal.—Smith Milling Co.

Honey Grove, Tex.—The elvtr. recently bot by Riley Bros. was formerly owned by the Galbraith Mill & Elvtr. Co. The main building will soon be torn down. The other buildings have been made into corn shelling and grinding plants.—S. W. Mantius.

Waxahachie, Tex.—Mail addressed to the Thomas Grain, Mill & Elvtr. Co. is returned marked "sold out, removed," and mail addressed to N. E. Crow, reported to have bot the elvtr. of S. C. Watson, is also returned marked "Unknown, cannot locate."

Galveston, Tex.—The improvements that have been made in the Sunset Elvtr. of the Sou. Pac. Ry. Co. are completed and the conveyor galleries now under repair and construction will be ready Dec. 1. When finished the new conveyor will have a capacity of 50,000 bus. per hour. It will be equipped with one 42-in. and two 36-in. belts.

Dallas, Tex.—The plant of the Pearlstone Mill & Elvtr. Co. burned Oct. 25 with a loss of \$75,000, partly covered by insurance. Much grain was lost. On the 3rd the company wrote as follows: We will continue our business temporarily at Fort Worth, where we have leased a concrete plant which we will operate while we rebuild the one just burned here. We expect to put up a modern concrete plant with a storage capacity of 200,000 bus. and warehouse facilities for 100,000 bus. A. H. Hart is ass't mgr.

WASHINGTON

Ruff, Wash.—The Griffith Union Grain & Trading Co., thru its sec'y, B. Wurr, has filed a petition in bankruptcy, listing its liabilities at \$52,154.60. Value of the property is placed at \$54,760.27.

Creston, Wash.—We leased the grain warehouse of the Pacific Coast Elvtr. Co. because our own warehouse was nearly filled to capacity. We are storing wheat in the new house.—Creston Union Grain Co.

Pasco, Wash.—We have bot the property of the Pasco Flour Mills Co., including its 900-bbl. mill, 45,000-bu. elvtr. and 100,000-bu. warehouse. This is the only grain plant here.—C. C. Gregory, mgr., Pasco Grain & Milling Co.

Kennewick, Wash.—Mail addressed to Neil Bros. Grain Co., which took over the warehouse of the Empire Grain Co. here last May, is returned unclaimed.

Seattle Wash.—The Colt-McLaughlin Co. has been incorporated to deal in grain, feed, seed, etc., by Lyman R. Colt, Thos. F. McLaughlin and Edw. M. Hay.

Hartline, Wash.—One of the floors in the warehouse of the Northwestern Grain & Elvtr. Co. recently collapsed and let 20,000 bus. of wheat run out onto the ground. The warehouse will have to be wrecked and rebuilt.

WISCONSIN

Merrill, Wis.—The Lincoln Milling & Elvtr. Co. is building a new warehouse. Paul Gebhardt is mgr.

Durand, Wis.—The completion of the 35x80 ft. elvtr. for which contract has been let has been deferred until next spring.

Barton, Wis.—William and Walter Gadow have been given the management of the Barton Roller Mills, owned by their father, W. F. Gadow, who is retiring from active business.

Oshkosh, Wis.—We have leased the elvtr. of the Pedegree Seed Co. next to our mill. Have always done a carlot grain handling business at our mill elvtr. Now have a combined elvtr. capacity of 45,000 bus.—H. P. Schmidt Milling Co.

Neenah, Wis.—The W. J. Durham Lumber Co. has bot the property of the Community Milling Co. and will install new machinery as well as overhaul the house. It will also convert its present coal elvtr. into a grain elvtr. for storage.

Manitowoc, Wis.—Reinhard Rahr, Sr., of the Cereal Products Co., which operates a line of elvtrs., died at the age of 62, Oct. 18. He had been in the grain and malting business since 1879 and until 1919 operated as Wm. Rahr & Sons Co. Mr. Rahr was one of the best known malt men in the country.

MILWAUKEE LETTER.

The office of the Merriam Commission Co. at this market has been closed.

Alfred H. Trettin, for 20 years with the Franke Grain Co., has bot an interest in the La Budde Feed & Grain Co.

The rate of interest on advances for the month of November has been fixed at 7½% by the directors of the Board of Trade.

The business of the branch office of W. C. Mitchell Co. of Minneapolis has been taken over by Riels Co. The Mitchell office is closed.

A new grain firm at this market is Spearman & Co. who have opened an office in the Chamber of Commerce in charge of Frank H. Spearman.

A. B. Blanchard, father of Guy Blanchard of the Blanchard Grain Co., died at his home in Florida, Oct. 15. His death was unexpected, being due to heart disease. The senior Mr. Blanchard was also in the grain trade for many years, being for 25 years sec'y and one of the owners of the Marshall Milling Co., Marshall, Minn. In 1913 he retired and went to Minneapolis and later to Florida. His wife and another son survive him.

WYOMING

Gillette, Wyo.—The Campbell County Farmers Grain Ass'n has completed its grain warehouse and is ready to buy grain.

Moorcroft, Wyo.—Peter Peterson, who has been mgr. here for the Gillette Creamery & Produce Co., of Gillette, of which A. R. Smith is prop., has moved to Gillette.

Riverton, Wyo.—L. J. Kirch, mgr. for the Riverton Elvtr. Co., has resigned. This company is in no way connected with ours.—Riverton Hide, Wool & Fur Co. (The latter company has just completed a new elvtr.)

AUSTRIA is preparing to establish complete governmental control over grain. Farmers will be required to deliver their entire crops to the authorities.

AN INQUIRY for 118,739 tons of wheat was cabled to Washington recently by U. S. Consul General Frederick W. Goding of Guayaquil, Ecuador.

Ear Rot of Corn.

After an investigation of corn ear rots, R. O. Cromwell of E. W. Wagner & Co., reports that "the per cent loss from ear rots in Iowa, Illinois and Indiana can be estimated at 5, 12 and 14 per cent, respectively. Reports from Missouri indicate the greatest damage to be in that state. Copy of a preliminary report from collaborators to the office of the Plant Disease Survey, Department of Agriculture, just received, gives loss this year in additional states of Delaware, 10 to 15 per cent, an unusual loss (no figures) in Mississippi and part of West Virginia and Wisconsin. A conservative estimate of total loss to the crop would be 375,000,000 to 400,000,000 bus., or about 11 per cent, figuring basis a *sound* total. Of this amount perhaps 100,000,000 bus. is from root rots and would have been largely apparent to official crop reporters to date in the form of down or weak stalks. Of the other 300,000,000 bus. loss, part has been reported in the October 1st estimate or will be indicated in the coming reports of *total quantity*, merchantable quantity and per cent quality.

"Observations indicate most favorable conditions for activity of dry rot to follow hot, rainy weather, preceded by more or less continued dry spells. Such a season has just been experienced. The amount of rot developed in the field then depended in part at least on favorableness of the stage of corn ears to infection. Corn is quite susceptible in the thick milk period and continues to be so to a lesser extent until maturity and afterward under favorable conditions.

"Of the organisms usually found on ear corn in the field, that one known as *Diplodia zeae*, is responsible for about eighty per cent of the loss. Such is the case this year. The disease produced is known as 'dry rot' to distinguish the particular kind of 'mold.' This rot occurs at times in every corn growing section of this country, and part of Europe and South America."

THE RUSSIAN flax crop, according to a Soviet official, a professor of agriculture in Moscow, may reach 120,000 tons; and he gives it as his opinion that the harvest of this summer is the worst in over 100 years.

Pittsburgh's New Concrete Elevator.

The most recent addition to the grain handling facilities of Pittsburgh, Pa., is shown in the drawings reproduced herewith. This is the 200,000-bus. reinforced concrete elevator of R. S. McCague, Ltd., built to replace a frame iron clad structure destroyed by fire about two years ago.

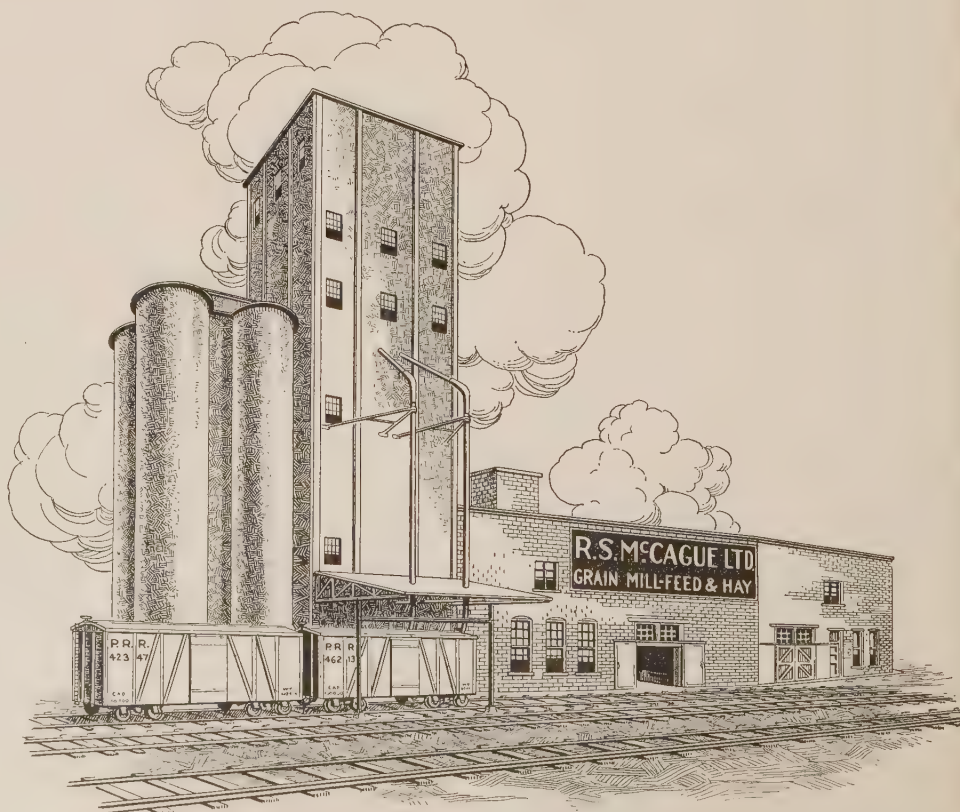
The new plant consists of a rectangular working house, four cylindrical tanks and a brick warehouse. The working house and tanks are of reinforced concrete, built with sliding forms, and resting on a 2-ft. concrete foundation slab. The working house is 36x37 ft., 155 ft. high above rail level; and the tanks are each 16 ft. in diameter and 100 ft. high. The basement is 14½ ft. deep below the first floor of the working house and a conveyor tunnel 7 ft. wide by 8 ft. deep below the tanks. A gallery 8 ft. high, 15 ft. wide and 41 ft. long surmounts the tanks and connects with the head house. An open track shed, extending over two tracks, is placed at one side of the head house, the spacing of the tracks permitting unloading to be done on one while loading cars is in progress on the other.

The work house contains 21 small rectangular bins. The storage has four main tanks and two interstice bins. This gives a total of 27 bins in working house and storage. Above the basement of the working house are five stories, these being the first story, bin story, distributing, scale and head stories.

Two receiving hoppers are provided in the track shed, and grain can also be received from cars standing on a track at the opposite side of the house. In the latter case the grain is spouted direct to the boot of either of the two legs.

Each of the track hoppers is designed to handle small grain, while one is equipped for ear corn, the ears passing thru a corn crusher before going to the pitless sheller and thence to the legs for elevation.

The equipment of the working house comprises 2 legs for receiving and shipping, using 16-in. rubber belt with 14x7 buckets spaced 13-in. centers, each having a capacity of 5,500 bus. per hour; one 3-ton platform type scale; one 12-in. screw conveyor for serving a drier to be installed later; one pitless sheller; one



R. S. McCague's New Fireproof Elevator at Pittsburgh, Pa.

Humphrey Elevator; one 5-car car puller; two 2,000-bus. hopper scales; and one gyrating cleaner.

A 26-in. belt conveyor in the tunnel below the storage tanks carries grain from storage bins to either of the working house legs.

The track shed is equipped with double power shovels.

All machinery is electrically driven, that in the basement being operated by a 15 h.p. 900 r.p.m. motor connected to a counter shaft. This shaft is fitted with pulleys which operate leather belts to drive the sheller, car puller and belt conveyor. A 10 h.p. 1,200 r.p.m. motor drives the shovel machines by means of gears. A 5 h.p. 1,200 r.p.m. motor furnishes

power for the employees elevator; and the legs and cleaner are driven by a 30 h.p. 900 r.p.m. motor operating a counter shaft in the head by means of leather belting. The legs are driven from the shaft by gears, while a leather belt transmits power to the cleaner.

The leg casings are of steel, and all spouting is of steel. The scales and the cleaner discharge into 10½-in. telescoping spouts by means of which grain can be distributed to any of the bins in the working house or storage. The scale spouts are designed so they can reach the car spout, thus making it possible to ship direct from the scale hoppers. The car spout, after passing thru the side of the building, drops vertically between the two tracks and cars on either track can be loaded thru the flexible loading spout at the lower end.

Grain received thru the track hoppers passes by gravity to the leg boots. It is then elevated and placed in the scale for weighing or it may be sent directly to the cleaner for conditioning. From scale or cleaner it runs direct to the bins thru spouts. In shipping, the process is reversed, the grain coming to the legs from the storage tanks over the belt conveyor, or from bins in the working house thru spouts. It is then elevated to the scales, weighed, and discharged thru the car spout.

The 21 rectangular bins in the working house are each 79 ft. deep and their bottoms are fitted with discharge gates to which may be arrangement facilitates the mixing of grain, permitting the desired quantities of grain from several bins to be spouted direct to a boot.

Corn, after passing thru the sheller, is elevated to the cleaner on the scale floor. After cleaning, the shelled corn passes to one of the bins, the cobs to another, and the dust and other refuse to a third. Dust may then be sacked on the first floor, and the cobs can be spouted directly into cars.

Numerous windows are provided thruout the structure to provide thorough ventilation and a circulation of air to minimize the danger of dust explosions.

The plant was designed and erected for R. S. McCague, Ltd., by the Burrell Eng. & Cons. Co.

North Dakota Gets More Time on Grain Grading Law.

The United States Supreme Court at Washington Oct. 17 granted the State of North Dakota ten days' time to file additional briefs in its suit against the Farmers Grain Co., of Embden, N. D., to enforce the state grain grading law and margin rule.

The state is resisting the decision of the federal court at Minneapolis holding the law unconstitutional. Besides this the elevator companies in a separate suit tried to have the state grain inspector enjoined from enforcing the law.

Making Use of Classic Literature.

Business is not always prosaic and matter of fact, dry as dust with nothing of human interest about it. On the contrary, business men frequently encounter amusing incidents and circumstances that serve to enliven their daily routine; a case in point being that which is reported below.

On Nov. 1, Tilghman A. Bryant, St. Louis, received the following telegram from Merriam & Millard, Omaha:

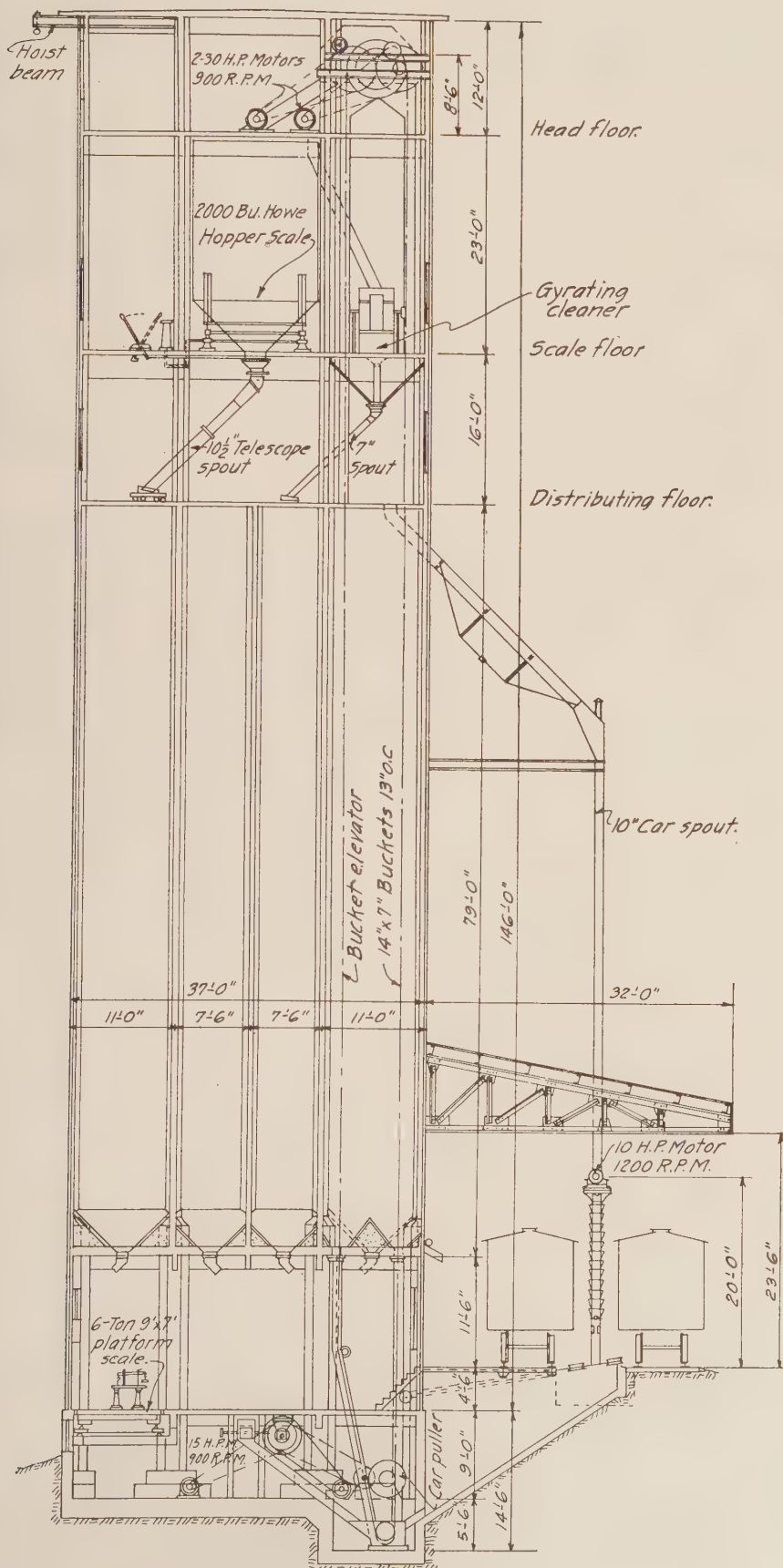
"Are you asleep? What's chance on white corn?"

To which Mr. Bryant replied:

"No chance. Gang here all reading Edgar Allen Poe's *Raven*."

Then wheat broke 6 cents and corn 2, and Merriam & Millard came back with this:

"Under present conditions suggest you read Dante's *Inferno*."



Vertical Section R. S. McCague's Elevator at Pittsburgh, Pa.

Grain Carriers

A full cargo of wheat for the United Kingdom was taken recently from Tacoma, Wash., by a Japanese steamer.

THE Illinois Manufacturers Ass'n is making an effort to bring about a general reduction on freight rates for grain and farm implements.

THE LARGEST single cargo of corn shipped from Duluth was loaded Oct. 28. It contained 395,000 bus. of No. 2 mixed and was shipped to Chicago.

THE reduced rates east of Chicago on both export and domestic grain and grain products, which were scheduled to expire Dec. 1, will be continued indefinitely.

BEN W. HOOPER, vice chairman of the U. S. Railroad Labor Board, says his board is the only agency of the government that does not possess power to penalize violation of its decisions.

RATES for grain charters at Pacific Coast ports are very low and about the same as pre-war rates. A partial cargo of barley was chartered recently at 35 shillings to United Kingdom ports.

ADDITIONAL SALES of railroad equipment trust certificates held by the government, amounting to \$9,539,000, were confirmed Nov. 5. The certificates were sold at par plus accrued interest.

THE FIRST full cargo of grain shipped from Boston was taken recently by the steamer Somersby. It consisted of 220,000 bus. of Manitoba wheat for delivery at British and European ports.

FREIGHT CARS idle because of lack of demand for them were 94,404 on Oct. 23, a reduction of 21,973 as compared with Oct. 15. The reduction was almost entirely due to increased demand for coal cars.

DIRECTORS of the C. B. & Q. and the C. & S. recently authorized the immediate purchase of 7,300 freight cars, 55 locomotives and 127 all steel passenger cars at an aggregate estimated cost of over \$15,000,000.

OWENSBORO, KY.—The Rapier Sugar Feed Co. recently was awarded judgment for \$106.39 against the Illinois Central Railroad. This represented the value of 3,838 lbs. of oats lost in transit from a shipment made in Dec. 1920.

CARRIERS propose to eliminate the one-eighth of one per cent shortage rule from their at and east tariffs applying on grain from Lake Erie ports to eastern seaboard ports. This is to avoid conflict with rules to be published based on the report in Docket 9009.

COMPLAINT of the Nebraska Seed Co., of Omaha, against the Director General of Railroads, C. & N. W. Ry., et al, alleging unreasonable rates on white clover seed from Gilby, Grand Forks and Michigan, N. D., to Omaha, was dismissed and reparation award refused.

A RECORD was established at Port Arthur Nov. 1 in the loading of grain cargo. The steamer Westmount docked at 6:30 p. m., loading was started at 7, and at midnight 355,000 bus. of grain had been placed in the holds. Four scales were used in weighing the grain.

A HEARING on intrastate rates covering grain, grain products and livestock, scheduled by the Iowa Board of Railroad Commissioners to have been held at Des Moines Nov. 8 was postponed indefinitely on motion of the state commerce counsel and attorney for the carriers.

A NEW SCHEDULE of grain rates for the North Atlantic was announced recently as the outcome of a joint conference of shipping companies in New York City. Rates on wheat and corn will be 17c per cwt. to the United Kingdom, 16½c to Antwerp and 18c to Hamburg. Wheat flour will carry the usual differential of 5c.

SURPLUS cars have gradually declined recently. On Oct. 23 the figures were 112,628, compared with 215,051 on Sept. 23. Car shortages have increased during the same period, Oct. 23 showing 7,010, an increase of 3,227 for that week.

AN ORDER directing the railroads of Missouri to make a reduction in rates on grain, grain products and hay, to yield approximately \$3,607,900 was issued Oct. 26 by the state Public Service Commission. The order is effective Nov. 9, and the schedules must be in full force by Nov. 20.

SUSPENSION has been ordered by the Interstate Commerce Commission until March 1 of the proposed reduction in proportional rates on grain from Minnesota and Wisconsin to Eastern destinations by the Duluth, South Shore & Atlantic and Minneapolis, St. Paul & Sault Ste. Marie railroads.

AN EMBARGO on the shipment of Canadian grain eastward impends, owing to the congestion in the elevators at the head of the lakes and in Eastern ports. Railroads have asked shippers to restrict their shipments from interior elevators in the hope of relieving the situation without an actual embargo.

REPARATION was awarded the Otto Weiss Milling Co., Wichita, Kan., in its complaint against the Santa Fe and other carriers for excessive charges collected on shipments of alfalfa meal shipped from Winfield and Viola, Kan., to Cairo, Ill., milled in transit at Wichita. The award was \$54.07, with interest.

SOME PROTESTS have been made by carriers against the recent suggestion of the Interstate Commerce Commission to reduce rates on grain and grain products in Western, Mountain and Pacific territory; and a threatened printers' strike in Chicago may make it impossible to get the tariffs printed in time to make the rates effective Nov. 20.

THE BEST SHOWING of any month this year, in the point of freight traffic moved on the C. B. & Q., was made in October. Grain continued its record-breaking career with a gain of 13,259 cars, or 13.7%; miscellaneous made a gain of 3,175 cars, or 2.8%, and stock showed a decrease over last year's figures of but 1.8%, but coal was the big offender with a drop of 6,438 cars, or a loss of 16.7%.

TRANSIT PRIVILEGES are now permitted at elevators and mills in St. Louis on shipments of grain and grain products from Minneapolis, St. Paul and Des Moines destined to points in Arkansas, Louisiana, Missouri, Oklahoma and Texas on the Missouri Pacific and connections to which thru rates are published via St. Louis. The rate applicable is the joint thru rate from original to ultimate destination.

JUDGMENT for \$167.68 and costs was awarded recently in a Nebraska county court in favor of the Taylor-Hardin Grain Co., of Loup City, in two suits against the Director General of Railroads. The Taylor-Hardin Grain Co. is the name under which the business of the Taylor Grain Co. was formerly conducted. The suits were for grain lost from cars shipped via the Union Pacific in 1919.

AMENDMENT of the Transportation Act to conform to the decision of the Supreme Court in the Shreveport rate case, retaining to state commissions complete authority over intrastate rates except of discrimination against interstate rates, was advocated recently by Clyde M. Reed, chairman of the Kansas Public Utilities Commission, before the senate interstate commerce committee.

ONE of the reasons assigned for the action of the Interstate Commerce Commission in ordering reduction of freight rates in Western, Mountain and Pacific territories is the fact that the horizontal increases of Aug. 26, 1920 widened the spread between producers who are near and those who are far distant from markets. The reduction is to remove some of this disparity which is now more burdensome than it was when prices were high and demand in excess of supply.

MOBILE, ALA.—The Mobile & Ohio Ry. on Oct. 25 discontinued the collection of the fee of \$6 on cars reconsigned after arrival here. Cars may now be billed without the designation of a particular pier or wharf and these instructions given after arrival without the cost that has been assessed. All railroads have made the charge, and the others are expected to follow the action of the M. & O. in eliminating it.

WORLD CONDITIONS are certainly topsy-turvy. Manchuria has been buying flour on the Pacific Coast, and India, which is usually an exporter of wheat, is buying Manitobas from North America. Thus, an unusual phase of the grain market was the shipment from Baltimore, on Oct. 27, of a full cargo, 205,264 bus., of No. 1 Manitoba Northern wheat to Bombay, India, per British S. S. Stroma. The entire cargo of 5,000 tons went in bags, of which there were 71,000, and the shipment was loaded at the Port Covington Elevator of the Western Maryland Railroad Co. in slightly less than 30 hours. It is estimated that it will take 43 days for the steamer to reach her destination—some 8,000 miles from Baltimore.

A Live Cat and Silk Stockings.

When the grain dealer buys a wagon load or a car load of grain he naturally expects to get wheat, corn or oats, depending upon the kind of grain he buys; but the elevator man knows some other articles frequently come into the house with the load.

An Oklahoma elevator operator, sitting on the driveway floor and dangling his legs in the dump log opening as he watched the wheat run out through the sink gate, saw something dark. He observed it closely for a few seconds, discerned its outlines to indicate a rather sizable object, and got up and pushed down the paddle just as a precaution.

When he climbed into the sink to investigate he found the object to be a heavy iron bound hickory neck yoke, strong enough to have ripped a dozen buckets from the belt if it had gone into the boot.

Cleaning machines all over the land constantly yield "foreign material" that is wholly without the pale of the Official Grain Standards of the U. S. for wheat, corn or oats. It is not even to be supposed that the standards for other grains, when finally promulgated, will contain any mention of some of the "material" found. However, one of the best records of the miscellaneous objects coming to the elevator with grain is found in a recent issue of the Fort William (Ont.) *Times Journal*. It tells about some of the things given up by the cleaners in the Grand Trunk Elevator in that city and refers to it as the "annual treasure hunt." Here are some of the objects recorded:

Pocket knives, hundreds of them; saws, hammers and various tools left in the cars, presumably, by the men who coopered them; no gold watches but several of the old dollar variety; rings and rings of keys; empty bottles and letters. Perhaps the elevator workmen thought the height of the ridiculous had been reached when a car of wheat gave up the dead carcass of a prairie chicken, but a little later they found a cat, in such a state of weakness it could hardly stand, but with enough of its lives intact to recover fully after a day's feeding.

The elevator man then went on to tell about a bank book and a cash register (probably neither of them the property of a grain dealer), and he finished by reciting the story of the find of a pair of ladies' shoes with silk stockings neatly tucked into them.

SUIT has been filed by the Early & Daniels Co., of Cincinnati, O., against the Western Union Telegraph Co. for loss of \$1,700 alleged to have been sustained when the telegraph company added the letters "ly" to the word "absolute" in a telegram.

To Hold Hearing on Bulkhead Charge.

Five traffic com'tes have considered the request by W. K. Vandiver, transportation commissioner of the Grain Dealers National Ass'n, for a hearing on the \$5 charge for the privilege of installing bulkheads in mixed carloads of grain, a charge which it is desired to have canceled.

An attempt was made to set the hearing for Nov. 11, but it was found impossible to get an adequate representation on that day and an endeavor is being made to agree upon a later date.

New Tow Boats on Upper Mississippi.

Four steel towboats, the Iowa, Illinois, Minnesota and Missouri have been sent down the Mississippi to St. Louis, from St. Paul, where they were built by the government at a cost of nearly \$2,000,000. They are to be used in towing barges between St. Louis and St. Paul, being designed especially to meet the conditions of steamboating on the upper Mississippi.

The steamers will tow groups of steel barges which are equipped with electrical hoisting machinery for loading and unloading cargo. Each barge is of 3,000 tons capacity.

The fleet of barges and towboats has been leased for the present by the government to an iron company that will put them in service carrying coal north and iron ore south.

Shipside Basis for Grain Cargoes.

Refusing to pay trucking bills, the grain and flour exporters at Portland, Seattle and Tacoma recently notified grain dealers and operators and agents of steamships that hereafter engagements for ship space for sacked grain are to be made on the basis of delivery being taken from piles in warehouses instead of free delivery at shipside. It was the practice before the war for ship operators to take delivery in warehouses and pay trucking charges, but under the regime to the Food Administration and the Grain Corporation this was changed. The new rule, therefore, is a reversion to prewar conditions.

Exporters plan to make the rule effective in the case of parcel lots of grain and flour, as well as for full cargoes.

Hearing on Suspended Minnesota Rates to East.

The Interstate Commerce Commission will hold a hearing in Chicago Dec. 12 on the domestic rates from Minnesota points to the East proposed by the carriers but suspended by the Commission before they became effective.

The suspended tariffs were to have become operative Nov. 1, and contained thru all rail rates on grain and grain products from Minneapolis, Duluth, etc., to points east of Buffalo and Pittsburgh, domestic. They proposed to provide thru rates from Minneapolis and Duluth lower than the combination via Chicago, Milwaukee or Peoria to the extent of 2c per cwt. on wheat, 2½c on grain products and 5c on coarse grain.

The suspension came about as the result of protests by interested grain exchanges.

Oklahoma Rates Ordered Reduced.

The Corporation Commission of Oklahoma on Oct. 31 issued an order instructing the carriers to reduce the intrastate rates on grain and grain products in line with the recent order of the Interstate Commerce Commission suggesting a reduction of interstate rates in Western, Mountain and Pacific Territory by Nov. 20.

Previously, on June 10, the Oklahoma Commission had ordered intrastate rates reduced to the basis prior to Aug. 26, 1920; but on Oct. 20 of this year that order was rescinded

and the increase of Aug. 26, 1920, permitted to stand. This is now superseded by the order of Oct. 31, which provides that new rates on wheat shall be placed at figures representing one-half of the increase of Aug. 26, 1920; and that rates on coarse grains shall be 10% lower than those on wheat. The order requires the carriers to make the new rates effective Nov. 20.

Changes in Rates

As shown by tariffs recently filed with the Interstate Commerce Com'n the carriers have made the following changes in rates:

I. T. S. in 475-C cancels 475-B of joint and proportional rates on grain, c.l., from stations on its lines in Ill. to Chicago, effective Nov. 26.

Western Trunk Lines in Sup. 5 to Circular 1-P makes amendments to rules, regulations and exceptions to classifications, effective Nov. 15.

St. L. & S. F. in a new tariff gives proportional rates on wheat from Kansas City, Mo., Rosedale, Kan. to St. Louis and beyond, effective Oct. 28.

C. & E. I. in Sup. 10 to 6639-D provides rules governing milling and malting in transit privileges on grain and grain products at stations on its line, effective Dec. 15.

C. & E. I. in Sup. 14 to 8625-B names joint rates on grain and grain products from stations on its line to points in Ala., Ark., Fla., La., Miss. and Tenn., effective Nov. 28.

C. R. I. & P. in Sup. 18 to 28675-D amends Sup. 13, names rates on grain, grain products, broom corn, alfalfa cake and meal, linseed cake and meal and seeds between stations on the W. N. W. Ry. and stations named in Group 8 of tariff, applying on intrastate traffic only, effective Nov. 1.

C. R. I. & P. in Sup. 4 to 13207-I names joint proportional rates on grain, grain products and seeds from Albright, Neb., Armourdale, Atchison, Kan., Council Bluffs, Ia., Kansas City, Mo., Leavenworth, Kan., Omaha, South Omaha, Neb., and St. Joseph, Mo., to stations in Ill., Ind., Ia., Mich. and Wis. on connecting lines, effective Dec. 1.

C. R. I. & P. in Sup. 9 to 19687-L names joint and proportional rates on grain, grain products, seeds, hay and broom corn from Missouri River stations and other stations in Ill., Ia., Minn., Mo. and S. D. on its lines to Mississippi Valley points and other stations in Ala., Ark., Fla., La., Miss. and Tenn., also Gulf Ports for export, effective Nov. 21.

Ill. Cen. in Sup. 3 to 1537-E names rates on grain, grain products, cottonseed products and seeds between stations in Ill., Ind., Wis., also Dubuque, Ia., and St. Louis, Mo., and Chicago, Milwaukee, Minneapolis, Paducah, Ky., Peoria, St. Louis, Ohio River Crossings, and other stations in Ill., Ind., Ia., Ky., Mich., Minn., Mo. and Wis., effective Nov. 18.

I. C. in Sup. 4 to 1537-E names local, joint and proportional rates on grain, grain products, cottonseed products and seeds between stations in Ill., Ind., Wis., also Dubuque, Ia., and St. Louis, Mo., and Chicago, Milwaukee, Minneapolis, Paducah, Ky., Peoria, St. Louis, Ohio River Crossings and other stations in Ill., Ind., Ia., Ky., Mich., Minn., Mo. and Wis., effective Dec. 3.

C. F. Ass'n, W. J. Kelly, Agt., in Sup. 2 to 245-A names local, joint and proportional rates on grain, grain products and by-products from points in Ill., Ind., Ia., Ky., Mich., Mo., N. Y., Ohio, Penna., W. Va. and Wis., to Albany, Baltimore, Boston, New York, Philadelphia, Rochester, Syracuse, Utica and other eastern points in the U. S., also basis for rates to U. S. and Canadian ports for export, effective Nov. 23.

TWELVE townships in Erie County Pennsylvania were placed under federal quarantine recently because of the presence of the European corn borer. No corn, broom corn, sorghum or sudan grass may be shipped out without federal or state examination.

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✱ ✱

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BULGARIAN grain control has been discontinued. Grain exports can now be undertaken by private firms.

Rye Standards Being Worked Out.

The United States Dep't of Agriculture is working on standards for rye, following methods similar to those used in developing grades for wheat, corn and oats. When the work is completed the standards will be announced tentatively and hearings held to obtain the views of the trade concerning them, and some time thereafter they will be promulgated and made effective.

It is now proposed that there shall be four numerical grades of rye, and one Sample Grade for parcels not meeting the requirements of the numerical grades; and that garky, weevily, ergoty or smutty rye shall be graded as if the defect did not exist and the appropriate word added to designate the condition.

The principle of dockage will be applied as it is in the wheat standards.

The requirements of the numerical grades, as they stand in the present proposed draft of the standards, are shown in the table below:

GRADE REQUIREMENTS FOR RYE

Grade No.	Moisture Content	Minimum Test Weight per Bushel	Maximum Limits of				Foreign Material Other Than Cereal Grains.
			Damaged Kernels		Cereal Grains		
			Total	Heat damaged (rye and other grains)	Total	Other than wheat	
	%	lbs.	%	%	%	%	%
1	13.5	56	2	.1	2	1	1
2	14.5	54	4	.2	5	2	2
3	15.5	52	7	.5	10	3	.3
4	16.5	49	15	3.0	10	5	5

- (1) The rye in grades Nos. 1 to 3, inclusive, shall be cool, and of natural odor.
- (2) The rye in grade No. 4 shall be cool, but may be musty or sour.

Supreme Court Decisions

Shipment Held Interstate.—Where grain was shipped from Missouri to a point in Texas, and the Texas purchaser, on paying the draft with B/L attached, sold the grain to a purchaser in another part of Texas, and defendant railroad company before arrival of the shipment issued a B/L for transportation to the new destination, that shipment was interstate.—*M., K. & T. Ry. Co. v. Plano Milling Co.* Commission of Appeals of Texas. 231 S. W. 100.

Snipper Presumed to Have Notice of Released Valuation Rates.—A shipper, who had been in the export business for several years, undoubtedly knew that a B/L delivered by a steamship company for a shipment to a foreign port, contained covenants and conditions which were intended to constitute the terms upon which the shipment was delivered and received, and the steamship company could not be deprived of the benefit of a clause therein, limiting liability to \$100 per package, simply because the shipper did not choose to read the contract or acquaint himself with its terms.—*Achille Starace & Co. v. Raporel Steamship Line.* Supreme Court of New York. 186 N. Y. Supp. 130.

Associations.—An act done by three of the nine members of the executive com'te of an unincorporated association on behalf of the association or company, and in its name, tho unauthorized, might be ratified by acquiescence after knowledge brought home to the other members of the com'te; if the other members had knowledge of the particular resolution, which was ineffectual as concurred in by only three of the nine members of the executive com'te, etc., and after a reasonable time for repudiation remained acquiescent, or expressed their concurrence, they must be deemed to have ratified it, and it became valid ab initio.—*In re Tidewater Coal Exchange.* U. S. District Court, New York. 274 Fed. 1011.

Claim Limit Two Years, Not Six Months.—Defendant was the last carrier of an intrastate shipment, shipped under an order B/L by plaintiff to its order, "Notify R. L. Brown." Defendant's station agent delivered the shipment to Brown, the purchaser, without the B/L being presented, but received full payment for the goods. The agent absconded without turning over the money to either plaintiff or defendant. In this action for conversion it is held: The provisions in the B/L that suits for loss or damage to the shipment must be brought within a specified time, and that notice of loss or damage must be filed in writing within a certain time, do not cover a loss resulting from the facts herein found.—*M. W. Savage v. Canadian Nor. Ry. Co.* Supreme Court of Minnesota. 184 N. W. 367.

Buyer Returning Goods Can Retain Freight Charges.—This being a suit to recover the contract price for a lot of merchandise alleged by the plaintiff to have been sold and shipped to the defendant, and it appearing that the contract entered into between the parties was entire, and not severable, and there being evidence in support of the defendant's plea that part of the goods delivered to him by the plaintiff were materially different from the goods contracted for, and that the defendant had, immediately upon discovering this fact, canceled the contract and returned the entire shipment of goods to the plaintiff, less an amount sufficient to reimburse the defendant for freight charges on the goods expended by him and chargeable to the plaintiff, the verdict for the defendant was authorized. *Main v. Simmons*, 2 Ga. App. 821, 59 S. E. 85; *Elgin Jewelry Co. v. Estes*, 122 Ga. 807, 50 S. E. 939; *Snellgrove v. Dingelhof*, 25 Ga. App. 334, 103 S. E. 418.—*National Novelty Import Co. v. Bowen & Fine.* Court of Appeals of Georgia. 108 S. E. 473.

Valuation for Damages of Shipment "for Export."—The intention as to destination with which goods are delivered and accepted for conveyance by a carrier being the determining factor in deciding whether a consignment should be classified as foreign or interstate commerce, where a B/L described a consign-

ment of grain as being for export, and, from an agreed statement of facts, it appeared that each carload, at the time it was shipped and at the time it was destroyed in transit, was intended for transportation by railroad to Baltimore, where it was to be unloaded into the carrier's elevators and thereafter loaded into a vessel for transportation to a point in Europe, the shipments were in the course of transportation to a nonadjacent foreign country at the time of their destruction, so that a stipulation in the Bs/L, limiting the carrier's liability to the value of the grain at the time and place of shipment, was not contrary to the provision of the Federal Act to Regulate Commerce and its amendments (Comp. St. § 8604a), prohibiting stipulations against recovery of less than the full amount of the actual loss or damage to property in transit from one state to another, or for export to an adjacent foreign country, nor did the purchase of such Bs/L by plaintiffs while the grain was in transit, tho it affected the title thereto, make any change in its movement or destination or in any of its commercial characteristics.—*Fahey v. B. & O. R. R. Co.* Court of Appeals of Maryland. 114 Atl. 905.

Authority to Divert Car in Transit.

The Tri-State Appeal Board, J. H. Shaw, Edgar Johnson and W. W. Manning, of the Grain Dealers Ass'n of Kansas, Oklahoma and Texas, has reversed a decision of the Arbitration Com'te of the Oklahoma Grain Dealers Ass'n, in *C. V. Fisher Grain Co., Kansas City, Mo., plaintiff, v. Marshall Jacobson Grain Co., Oklahoma City, Okla., defendant.* The award was in favor of Marshall Jacobson Grain Co. and the C. V. Fisher Grain Co. took an appeal.

This controversy arises over the loss sustained on car of No. 3 or better milo, Rock Island 27726, sold by the Marshall Jacobson Grain Co. to C. V. Fisher Grain Co. on Jan. 9, 1920. On that date Marshall wired Fisher, "offer sixty en route St. Louis entitle sixty en route Kansas City enthrone three better milo sighth," to which Fisher replied, "book sixty entitle St. Louis will book car en route Kansas City same basis tread." Confirmations were exchanged under similar dates and which are in agreement except that Marshall stipulates "basis delivered St. Louis subject to official weights and St. Louis grades, en route shipment," while Fisher confirms "basis of St. Louis Missouri track our routing via blank railway shipment direct from your stations destination grades, destination weights en route shipment."

No trouble occurred on the Kansas City car and it is therefore eliminated from this controversy. The other car, Rock Island 27726, was diverted by the Fisher Grain Co. to Erie, Pa., where it arrived about March 15th, hot and in bad condition, the car having been shipped from Gould, Okla., on Jan. 2nd. After considerable interchange of wires and correspondence, the car was ordered into Buffalo for conditioning and resale for account of "Whom it might concern." This was done by mutual agreement of the interested parties. The car was forwarded to Buffalo without additional freight cost and after conditioning the best grade obtainable was No. 4 musty and was then resold at \$1.99½ cwt. basis Buffalo. The plaintiff in this case rendered bills showing balance due of \$802.01, which includes an inspector's railroad fare from Buffalo to Erie of \$7.

It is the opinion of this Board that the seller

of this car, the Marshall Jacobson Grain Co., in offering said basis St. Louis had in mind the fact that St. Louis was a basing point on shipments of this character that were intended to be diverted beyond. His failure to object to Fisher's confirmation further clarified his understanding of the contract and makes it evident to this Board that destination terms were to be the basis of settlement of this car.

We therefore reverse the decision of the Oklahoma Grain Dealers Ass'n in this case and award claim of \$802.01 less \$7 item mentioned above, or a net amount of \$795.01, against Marshall Jacobson Grain Co., which the Marshall Grain Co., as successors to the Marshall Jacobson Grain Co., is hereby ordered to promptly pay and the cost of this appeal is assessed against the Marshall Grain Co.

F. O. B. or "Basis F. O. B."

B. L. Boydston of Baird, Tex., plaintiff, v. Mugg Milling & Grain Co., of Whitesboro, Tex., defendant, before arbitration com'te of the Texas Grain Dealers Ass'n, composed of E. W. Crouch, Joe E. Lawther and W. H. Killingsworth.

This controversy arises out of a sale by B. L. Boydston to Mugg Milling & Grain Co. of two cars of oats on May 26, 1920. Mugg Milling & Grain Co.'s confirmation reads, "F. O. B. Baird," and B. L. Boydston's confirmation reads "F. O. B." A broker made this sale and the broker's confirmation reads "Basis F. O. B. Baird." Since neither party to the contract objected to the broker's confirmation, which reads "Basis F. O. B. Baird," the Com'te cannot go behind the broker's confirmation to both parties, and holds that the broker's confirmation is the contract.

The point at issue in this case is the interpretation therefore of the meaning of "Basis F. O. B. Baird." The Com'te recognizes the fact that "Basis F. O. B. Baird" might carry with it any of or all of three factors, namely, billing involved as to value from a transit standpoint; the rate involved from point of origin to final destination, and the quickness of delivery.

However, it is a general trade understanding, the Com'te holds, that under ordinary conditions basis F. O. B. a certain point it is generally understood that the chief factor referred to by the word "Basis" is the freight rate factor—the general understanding being that if the rate involved from origin to destination is the difference from that basic point specified that the rates shall be equalized on a basis of point specified.

Mugg Milling & Grain Co. refused this car on account of the fact that it moved from a point other than Baird, Tex., which was a point that Mugg Milling & Grain Co. thought would require a greater time to reach specified destination than if the car had moved from Baird. The facts developed, however, show that Mugg Milling & Grain Co.'s theory was not well founded in this case.

The car was shipped from Cross Plains on June 3 and draft was presented to Mugg Milling & Grain Co. on June 5 in Ft. Worth, on which date the car arrived in Fort Worth. Mugg Milling & Grain Co. refused the car on the fifth not knowing that the car was in Fort Worth. The Com'te holds that Mugg Milling & Grain Co. was not within its rights in refusing this car, because of the above recited facts.

Therefore, the Com'te finds that any loss accruing to B. L. Boydston on account of this refusal is chargeable to Mugg Milling & Grain Co.

However, Mugg Milling & Grain Co. refused the car immediately upon receipt of B/L showing that the car did not originate at Baird, Texas, and advised B. L. Boydston definitely that they had refused it. Therefore, the Com'te is of the opinion that Mugg Milling & Grain Co. would not be liable to B. L. Boydston for any demurrage accruing on the shipment, but that Mugg Milling Co. is liable to B. L. Boydston for discount in price B. L. Boydston was compelled to accept on account of Mugg Milling & Grain Co.'s rejection.

The Com'te, therefore, finds in favor of B. L. Boydston for \$269.02, being 13 cents per bushel loss on the car of oats. Mugg Milling & Grain Co. is hereby ordered to promptly pay to Sec'y H. B. Dorsey at Ft. Worth the amount of this award and the sec'y is instructed to return to B. L. Boydston the amount of his deposit fee.

NORTH DAKOTA's state controlled bank has been ordered to cease receiving deposits of public or private funds by a temporary restraining order issued Oct. 20 against Gov. Lyn J. Frazier and other officials of the state and bank. Hearing on the temporary injunction, which was issued on petition of a number of taxpayers, will be held Nov. 3.

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References: Any bank, mercantile agency, commis-
sion firm or the editor of this publication.

Supply Trade

"We can save money by not advertising."

"Yes," replied the advertising man, "and you can also save money by not eating."—Detroit Free Press.

Some people have not forgotten that in the 17 months while we were at war with Germany there was one union striker in this country for every American soldier in France.—The Shield.

Mishawaka, Ind.—W. W. French, formerly connected with the Publicity Dept. of Fairbanks, Morse & Co., Chicago, is now with the same department of the Dodge Manufacturing Co.

Baltimore, Md.—The Western Maryland Railroad Co. has purchased 5 No. 15 compound shake Invincible Receiving Separators for its enlarged elevator, replacing incidentally 2 No. 11 Invincibles. The aggregate capacity of the 5 new machines is 30,000 bus. per hour.

"Forbes" says: "When the worms are scarce, what does a hen do? Does she stop scratching? She does not. She scratches all the harder. A lot of business men have been showing less sense than a hen since orders became scarce. They have laid off salesmen; they have stopped or reduced their advertising; they have simply resigned themselves to inaction and, of course, to pessimism."

Misrepresentation of galvanum as being the standard of the United States government as a paint for metals has led the Federal Trade Commission to file formal complaint against the manufacturer and wholesaler. The government never adopted galvanum as a standard of any sort for any purpose. Competitors were injured when large numbers of purchasers were led to buy galvanum in preference to their similar products.

Chicago, Ill.—The high cost of production at this city due to the artificially high level of wages maintained by organized labor is driving industries to points where hours and wages are regulated by competition. The factory making "Gold Dust," operated for over 30 years, has been closed and the manufacture will be continued at St. Louis and other points. The Troy Laundry Machinery Co., one of the largest in that line, is about to remove its factory to East Moline, Ill., where it has acquired an 80-acre plant.

New York, N. Y.—Unfilled orders are tremendous, says Clarence M. Woolley, pres. of the American Radiator Co., and its business for the last half of 1921 will be the largest on record. "At present, in my opinion, the business revival has started, altho deflation has not quite run its course. Money is too high for developmental purposes. Income taxes, especially, in the upper brackets, tend to sap the sources of normal growth. Railroad rates are too high. Transportation costs are decisive price factors in most of the key industries. Progress thus far is largely due to concession. Some contributions to the common purpose are yet to be made by labor as well as by capital before general business currents reach a normal flow in the revival."

Cleveland, O.—The Common Brick Manufacturers Ass'n of America in its Nov. 1 report says: "Out of a total of 104 manufacturers reporting, 54 say that manufacturing costs have not changed during the past month. Fourteen report diminishing costs, and only 6 report increased costs. Those reporting the increase are in the western and mountain states. Orders for brick call for 137,644,000 and there are on hand 205,602,000 brick. The upper range of prices is a little lower than a month earlier. Until the rate upon brick is reduced many large building centers which receive their supply by rail will continue to pay on the job a price that is too long on the transportation side. In Ohio a reduction in the rate on paving brick is already in effect and the Public Utilities Commission has promised that like reductions will be effective on building brick."

THE FIGHT against the corn borer is to be concentrated in Ohio according to a Sept. 22 announcement of the U. S. Dept. of Agriculture.

Open Shop to Defeat Crooked Contractors and Greedy Unions.

Several of the building contractors at Chicago having shown a disposition to ignore the Landis award and to resume their former practice of "passing the buck" of high costs due to restrictions and arbitrary union rules to the innocent home builder, there has been formed what is known as the "citizens' com'ite" to get the costs of construction down to a fair basis by the use of the most powerful weapon, the open shop.

John W. O'Leary, acting chairman of the citizens' com'ite, said Nov. 8:

Those unions which, in letter and spirit, have accepted the Landis award and are working under it, will have the support of the com'ite in their action. Those crafts which withdraw from the award, or refuse to accept its conditions, automatically place themselves beyond the support of the public. Those contractors who have entered into agreements with unions outside the award deserve neither consideration nor support of the public.

The effort to see that building progresses in Chicago under the terms of the Landis award, that hereafter employer and employee interests shall recognize their responsibility to the public and their fellow organizations, that there be no room in Chicago for the grafter or the conspirator, is the task assumed by this com'ite.

Two months have elapsed since Judge Landis gave his award in the building controversy. Prior to the award Chicago for years had paid tribute to dishonesty, graft and various forms of extortion. Conditions have grown more intolerable each year. We have reached a stage where investors hesitate to supply funds for building because of extravagant costs; where business expansion is halted because of excessive overhead; where rents have become burdensome and where industries have feared to take advantage of Chicago's wonderful natural facilities and market position because of its reputation based on conditions in the building trades.

THE RATE of interest on advances made by the War Finance Corporation to banks for agricultural and livestock loans was reduced from 5½% to 5% on loans 6 months and less and from 6% to 5½% on all other loans.

SYDNEY banks have refused to advance the £5,000,000 necessary to finance the compulsory Australian wheat pool, and the government is seeking aid from London financiers. The Australian labor party has asked the government to attempt to obtain a loan in the United States.

Books Received

FUMIGATION, adapted to Flour Mills and Grain Elevators, is the title of a 12-page brochure for which the data were furnished by Professor Geo. A. Dean, entomologist of the Kansas State Agricultural College, describing and illustrating the common pests of the mill and elevator and giving the approved methods of extermination. Copies will be sent on application to the Mutual Fire Prevention Bureau, Chicago, Ill.

FREIGHT TRAFFIC RED BOOK has been revised and enlarged in the 1922 edition bringing right up-to-date this practical reference book for those actively engaged in traffic work. It is an every day guide for the shipper. It contains the acts of Congress relating to railroad and steamship transportation, all the rules of the Interstate Commerce Commission, the fundamental principles of rates, rate territories, rate bases, freight classification, freight tariffs, freight claims, diversion and reconsignment, routing, switching, lighterage, demurrage, weights and weighing, export and import traffic, with reproductions of standard traffic forms and Bs/L, all made instantly available to the busy man as a reference by a complete cross reference index. The Freight Traffic Red Book is 8x11 inches, contains 494 pages, is bound in full cloth and stamped in gold. Printed in large type on fine paper, it is easy to read. No shipper who has once had a copy will permit himself to be without one. Each subscriber will be sent free of charge all changes and supplements to any section of the book up to Oct. 1, 1922. Price, \$6; the Traffic Publishing Co., New York, N. Y.

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Try it. At least ask us about the success of others.

Grain Dealers Journal
305 So. LaSalle St., Chicago, Ill.

How the Fire Started.

A customer of the Grass Lake Farmers Elevator Co., Grass Lake, Mich., called at the home of one of the employes on Sunday morning recently and asked the employee to do something for him that required a trip to the elevator. On entering the plant they discovered a fire to be in progress, and upon investigation it was found that the floor under a 35 h.p. electric motor was burning. A carbon tetrachloride fire extinguisher was available, and it required but a few moments to put out the fire before it had done any considerable damage; but if the two men had not gone to the elevator at that unusual time it might not be possible to write the story of such a happy outcome.

The motor was housed in a standard motor enclosure which had a concrete floor about 2 inches thick laid on top of the wood elevator floor, and when found, the fire had burned thru both concrete and wood.

On Saturday night preceding discovery of the fire there had been a thunder storm, and lightning was at once suspected as the cause of the fire, but on first examination no evidence of lightning was found, the electrical installation apparently being intact, no fuses being blown either inside or outside the building. It was found, however, that the motor frame and one of the bolts holding it to the floor were charged, and that current was flowing thru the motor frame and floor reinforcing to the conduit carrying the motor leads thru the floor.

With this to work on, the proper instruments were obtained and careful tests were made. A ground was found in the meter, and this permitted current to flow thru the screws holding the meter to the wall and from them to the metal lath of the motor enclosure. It then passed to the motor frame, followed it to the conduit and thence to the ground.

The meter was removed for testing, and some of the coils were found burned and the case grounded. The burning of the coils caused the investigators to believe that the damage was caused either by a stroke of lightning or by static discharge on the line. No other traces of lightning were found, but the fact that the fire was discovered at 9 a.m. Sunday after a thunder storm Saturday night, together with the condition of the meter, was considered by the investigators as rather convincing evidence that lightning caused the fire.

It was also shown in the adjuster's report that all the fuses on equipment outside the building had been tampered with, refilled with elements of unknown amperage; and that the motor frame was not grounded. It was stated that if this frame had been grounded the fire would not have occurred; altho there probably would have been a loss of current and possible damage to the meter.

The conclusions drawn by the adjuster are that this fire teaches the lesson of necessity for complying strictly with all electrical specifications of the Mutual Fire Prevention Bureau. He also stated, in commenting on this particular case, that it tends to show it is just as necessary to ground the meter frame as to ground starting box cases, switch cases and conduit; and that it is absolutely necessary to ground every piece of metal near current carrying wires, this injunction applying even to metal lath when it is used with plaster for the walls of motor enclosures.

THE CORN BORER infestation in Canada threatens the prosperity of the corn belt along Lake Erie, is the report of Ohio Director of Agriculture L. J. Taber, after a visit to the borer infested sections of Canada. He said that many Canadian corn fields which until two years ago were free from the pest, are now 100% infected and in some fields not an ear of corn is fit to harvest. Of the action to be taken in this country, Mr. Taber says: "Quarantines now maintained should be continued and new quarantine areas should be established as soon as scouting reveals infestation."

To Combat the Corn Borer.

After the hearing before the Federal Horticultural Board at Washington Oct. 11 the state representatives present adopted a resolution authorizing Commissioner of Agriculture Gilbert, of Massachusetts, to appoint a Com'te of five members representing the infested areas to draw up recommendations and present them to Sec'y of Agriculture Wallace. It was also voted as being the sense of the delegates that the Federal Government should appropriate \$275,000 for conducting the work against the borer in the various States affected. Assurances were given by delegates from most of the States that Government money spent in their States would be matched by an equal amount of State funds for the work.

The hearing was called by the board as a result of new infestations of the pest recently found along the southern shore of Lake Erie and extending westward to within 60 miles of the Indiana border.

The board was forced by lack of funds to consider the abandonment of its present method of quarantining infested areas and resort to a regional system. Under this method the movement of possible carriers of the pest would be permitted within the region, but not to places outside of it. This, however, met with opposition from all factions present at the hearing.

The board indicated that it was in substantial agreement on the plan to continue the quarantine control of the European corn borer along the present lines, the quarantine to be extended to include the new areas of infestation; and that it would recommend such action to Sec'y Wallace, together with the recommendation that Congress be asked for funds adequate to administer such quarantine. The experts of the Bureau of Entomology indicated that such quarantine control of all known areas of infestation could probably be adequately taken care of on an appropriation of \$275,000, the same amount that was provided for the current fiscal year.

An illustrated description of the corn borer, its ravages and life history, appeared in the Journal Oct. 25, pages 580 to 581.

SWEDISH farmers have asked their government to prohibit importation of American wheat, which is offered in their markets about 25% cheaper than Swedish wheat.

Insurance Notes.

OCTOBER established one of the worst fire records the state of Arkansas ever experienced, according to the report of the Arkansas Fire Prevention Bureau. The total loss was \$2,500,000.

FIRE recently destroyed one of the feeding sheds of the Globe Grain & Milling Co. at Hobart, Cal., near Los Angeles. The flames spread to an immense pile of cottonseed hulls and it probably will be necessary to move most of the hulls to extinguish it. The cause is not known.

HOT BALL ignition for kerosene engines has its perils, as one Ohio elevator operator learned when he filled the tank after having started the blow torch. As he turned on the air from the pressure tank, oil came thru at the plug and was blown over the interior of the engine room and ignited. Fortunately the room was proof against fire.

PRACTICALLY all of the larger fire insurance companies have discontinued writing policies in Mississippi. A court decision was recently rendered against 130 of the companies, defendants in the antitrust suit that has been pending for some time. Penalties aggregating \$13,000,000 were imposed against the companies in the decision, the court having ruled that the Mississippi inspection and rating bureau was merely another name for the old South-eastern Tariff Ass'n, barred from the state 15 years ago.

A COMITE of the Millers National Federation appointed to investigate the action of mill mutual insurance companies seeking business outside the field of mills and grain elevators reported at the recent meeting in Chicago that it is its opinion that these companies are proceeding along safe and sane lines. The report also states that every miller policy holder is profiting by participation in this departure from the original ideas of the companies, and that no increased liability is being accepted by the policy holders by the companies' present method of doing business.

SWEDEN'S wheat crop is officially estimated this year at 342,000 tons. The rye estimate is 724,000 tons, making a total of 1,066,000 tons against 873,000 tons last year. This year's crop is considered about sufficient for home requirements, and purchases of breadstuffs abroad will be from 100,000 to 200,000 tons.



THE MILLER NON-FREEZING PUMP TYPE FIRE EXTINGUISHER

is constructed of heavy copper, brass and non-kinking hose and has withstood an unlimited test by the Underwriters' Laboratories, Inc., under the direction of the National Board of Fire Underwriters. The construction of this appliance must not be confused with the ordinary pump.

NON-FREEZING 40 BELOW ZERO

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The GRAIN DEALERS JOURNAL.

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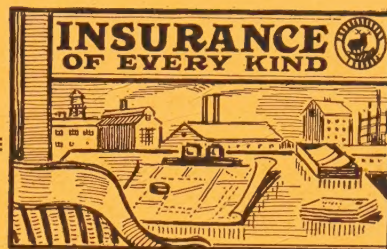
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A letter to H. A. Plumb, Sec'y, Milwaukee Chamber of Commerce, Milwaukee, Wis., will result in your learning more about this great Lake and Rail market. You owe it to your business to investigate this market.

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